NAVAL FACILITIES ENGINEERING COMMAND

Contract # N62473-17-D3631

NAS FALLON WATER RIGHTS RESEARCH AND INVENTORY

Task 8: Final Inventory Report and Map Indexing
Proposed Land Areas
October 2019

Volume III – Third Party Rights

(Permit 86831 – Vested Right V10286)

Prepared for:

NAVAL FACILITIES ENGINEERING COMMAND

NAVFAC SOUTHWEST

SAN DIEGO, CA



10-2-19

Prepared by:

R.O. ANDERSON ENGINEERING, INC.

1603 Esmeralda Avenue

Minden, Nevada 89423

Phone: (775) 782-2322

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R O Anderson

October 1, 2019

Lonie K. Cyr, Code AM1.LC
Asset Management/Real Estate Core Team
Cadastral Surveying and Mapping
NAVAC SW
1220 Pacific Highway
San Diego, CA 92132

Tetra Tech Project 200-09281-18011
NAS – Fallon Contract # N62473-17-D3631
Task 8 – Final Inventory Report & Map Indexing of Lands Subject to Acquisition

Dear Ms. Cyr,

We are pleased to present the culmination of our authorized investigation and records search of water rights appurtenant to lands currently subject to acquisition by United States Navy for the benefit of Naval Air Station Fallon (NAS Fallon). This letter summarizes the approach and methodologies used to accomplish a detailed and thorough search of public databases of Nevada water rights appurtenant to the subject lands. The findings from this research effort are presented in written form and supplemented by a detailed abstract of all identified water rights including location of each Point of Diversion (POD) and Place of Use (POU) as well as the Manner of Use (MOU), application status (e.g. application, permit, certificate, claims of vested rights and abrogated rights), and hydrographic basin. Finally, the report includes specific recommendations for actions necessary to protect and preserve the identified water rights.

EXECUTIVE SUMMARY

This deliverable includes a Final Inventory Report & Map Indexing of water rights lying within or appurtenant to the proposed acquisition area. The attached inventory document includes information and data derived from several public sources.

- Acquisition documents provided by NAS Fallon
- Documents on file with the NDWR
- Documents on file with the Truckee-Carson Irrigation District
- GIS mapping of the respective points of diversions and places of use of each identified permit/application

In preparing this report, significant correspondence, reports, recorded documents, and maps, as provided by representatives of the Navy, were identified and critically evaluated. A thorough records search was also conducted to identify active water rights on file with Nevada Division of Water Resources (NDWR)—including applications and supporting maps on file with that office. For each identified water right, all available documents and supporting maps were retrieved and reviewed. Finally, selected historical documents not found in the provided records but identified in its reference material were acquired from the

offices of the Churchill County Recorder and Assessor and were reviewed for these same purposes.

In support of this research efforts, available geographic information systems (GIS) data were utilized to help define, compare, and map critical data sets that included existing and proposed land boundaries by section, Township, and Range. Two GIS map packages were furnished from Naval Facilities Engineering Command (NAVAC) South West Cadastral upon commencement of this effort. These included GIS georeferenced shape file layers for the Existing and Proposed Land Categories. Through the term of this research, no boundary updates or modification were provided.

These georeferenced GIS land category layers were used to identify related GIS data available through NDWR including POD and POU water right data. The POD locations were provided in a tabular format with attribute extract information, which included a latitude and longitude reference. These were plotted as point features in GIS. Please note that not all identified rights have the POU defined by a NDWR polygon. We have confirmed with personnel at NDWR that it is not their typical practice to create POU polygons for rights with certain Manner of Uses (MOUs) including: Stockwater, Recreation, or Wildlife purposes. Furthermore, several applications for vested rights were submitted without maps defining their place of use. As a result, the place of use of those claims are also not reflected within the GIS data.

In addition to the DWR POD/POU and Basin GIS Data, and the NAVAC Land Category GIS Data, the Public Land Survey System (PLSS) layers were provided in the NAVAC map packages. These data included the Township and Range blocks as well as the first division sectional break down for the defined land areas.

County Assessor parcel information, to the extent it was available, was separately researched and obtained from the counties of Churchill, Pershing, Lyon, Nye, and Mineral. In the attached mapping, this Assessor data is presented for comparison to the POD and POU for each water right.

Upon receipt of final comments to this report, this GIS data will be uploaded and presented in the Navy Data Model V4.0 file format.

A detailed summary of each permit and a supporting map is provided in the attached Index. Copies of each identified permit, certificate, and available supporting map on file at NDWR along with a summary sheet of each are provided in the appendices of this letter report. The following paragraphs provide specific findings and recommendations related to each identified application or permit, all of which are owned by private landowners or third-parties that seek to utilize what are generally public lands within the proposed acquisition area.

GENERAL RECOMMENDATIONS

1. Many of the water right maps that form the basis of both the listed POD and described POU date back to pre-1970, and some to the early 1900's, which may pre-date Bureau of Land Management Township Re-surveys of some of the subject lands. As a result, where the described POD is in relative proximity to a 1/16th line, an accurate re-survey of the lands may find that the existing POD (i.e. drilled well, spring, etc.) is not accurately reflected on the maps of record and falls either within or outside the actual boundaries of lands now subject to acquisition for the benefit of NAS Fallon. It is recommended that the location of the existing points of diversion that fall within 300 feet of a 1/16th line based on record information be "ground-truthed" by a field survey.

2. As noted above, preparation of the GIS base maps presented within this report were compiled from at least three independent geospatial data sets (NAVAC, NDWR and PLSS). These independent datasets do not have the same origin nor were they developed using the same projection system. Reconciling the origin and projection system of these datasets was beyond the scope of the current task order. As a result, when the accompanying GIS base map is reviewed critically, the variation between these datasets is evident when comparing various line, boundary and shape elements. For the integrity of the mapping of these water rights and future water right mapping efforts for which this effort will serve as a basis, it is recommended that the geospatial datasets obtained or retrieved from other agencies be re-projected to the origin and projection as used to develop NAVAC's dataset.

PRIVATE OR THIRD-PARTY WATER RIGHT SUMMARY AND RECOMMENDATIONS

Within the lands currently being considered for acquisition, there are total of 119 water right applications or permits. Of these, 50 permits have been certificated, meaning that there are no further filing requirements to perfect these rights; 34 are permits in various states of usage; 19 applications are ready for action (RFA); one is RFA, but protested (RFP); and, 15 are unadjudicated pre-statutory (vested) rights.

Of these 50 certificated permits, 37 are for stock watering purposes and the place of use is generally lands owned by the United States of America and managed by Department of the Interior, Bureau of Land Management (BLM). Of the remaining 13 certificated permits:

- 6 were issued for mining and milling purposes
- One (67727/18413) is for wildlife purposes the owner of record of which is Nevada Department of Wildlife
- three (73635/21375; 76356/21376; and 76737/21377) are for municipal purposes, all of which are owned by Churchill County
- one (4597/1580) is for irrigation of about 9 acres for land from Lyman Canyon Spring in the Carson Desert hydrographic basin. The current owner of record is California Lands, Inc.
- one (4245/1201) is certified for about 5.6 gallons per minute (GPM) for domestic purposes from Lucky Boy Spring. The owner of record is Mamie Lofthouse.

- and one (303/573X) was issued for "Other" purposes. The application for Permit 303/Certificate 573X is dated December 1906, which was very shortly after Nevada's water law was established, and the listed purpose of the application was to appropriate water originating in Bench Creek for the use of the Bench Creek Ranch.

Of the 34 permits, 19 were issued for stock watering purposes from both existing wells or springs. Of those 19, 18 were issued specifically to support stock on the Dixie Valley Grazing Allotment over lands owned by the United States of America and managed by Department of the Interior, Bureau of Land Management (BLM). The current owner of record for each of these 18 permits is Bench Creek Ranch. The one other stockwater permit (86831) was issued to Michael Casey to support stock on a grazing allotment over lands managed by BLM in Stingaree Valley.

Of the remaining 15 permits, 11 are owned by Churchill County and were issued for municipal purposes; three were issued for mining and milling purposes; and one was issued for wildlife purposes to the Nevada Department of Wildlife.

Each of the 19 pending applications that are RFA was filed by Churchill County and the manner of use was listed as either quasi-municipal (QM) or municipal (MUN) purposes. Of those 19 applications, 18 were filed with a requested diversion rate of 6.0 CFS; the one other application was filed for a diversion rate of 0.5 CFS. The proposed place of use of all 19 of these applications is essentially the entire county. Presumably these applications were filed in anticipation of servicing future growth within the county (as opposed to speculative purposes).

The one pending application (63886) that is RFP was filed by Michael Casey in March 1998 for commercial purposes (a fish and frog farm) in Dixie Valley. The application seeks a diversion rate of 0.446 CFS. It was timely protested by Churchill County and to date the State Engineer has not taken final action on this application.

There is a total of 15 unadjudicated claims of vested rights within the lands subject to acquisition that were filed by four different claimants. Ira and Nina Kent are listed as the claimants for 9 of the claims; Michael and Claudia Casey are listed as the claimants of 4 of the claims, and the two remaining claims were filed by George Williams Land & Livestock Co. and Ron Greenfield. Mr. Greenfield's claim was for irrigation of 40 acres within Gabbs Valley from Rawhide Hot Springs that are also apparently known as Gabbs Valley Hot Springs. Except for Mr. Greenfield's claim, all the other claims were filed for stock watering purposes over lands within the public domain and now managed by BLM.

The following recommendations are specific to the water right permits and pending applications that are held in ownership of private or 3rd parties within the proposed acquisition areas.

1. For the 70 different water rights including claims of vested rights, permits, certificates and pending applications, issued for or seeking stock water for livestock pursuant to grazing allotments over lands managed by BLM, it is recommended that:
    a. Further research be undertaken through the office of BLM to determine the status of any grazing rights associated with the place of use of these applications/permits.
    b. To the extent that the grazing right is still active and in good standing, the Navy should determine whether continued use of these lands for stock watering purposes conflicts with the Navy's planned future use of these areas.
    c. If it is determined that this use does not conflict, no further action is required.
    d. However, if continued use of the lands for stock watering purposes conflicts with future uses of the Navy, it is recommended that the appropriate officer of the Navy meet with representatives of BLM to develop and implement a strategy for terminating or relocating these existing grazing allotments to areas off of or outside of the acquisition lands.
2. Of the remaining 48 (119-71) water rights identified within the lands subject to acquisition, 33 have been filed by Churchill County for its municipal purposes. Three of these 33 water rights have been certificated or perfected; 12 are permits and the remaining 18 are pending applications.
    - For the three certificated permits that the county owns, they have demonstrated that they have an actual need for the allowed duty of those permits. Unless after further, more detailed review that concludes even these permits/certificates conflict with the Navy's proposed uses. it is probable that the Navy would acquire the lands subject to these existing rights and related facilities.
    - The remaining 30 permits and applications should be reviewed more thoroughly in context to the Navy's planned use of the properties subject to acquisition. If, after further review it is found that they are contrary to the interests of the Navy, and particularly its proposed uses for the lands to be acquired, the appropriate officer of the Navy should first contact the appropriate parties at Churchill County to discuss the specific concerns of each permit/application with the objective of reaching an understanding with the county's management on how best to cooperate to meet the respective needs of the parties, while not interfering with the Navy's proposed use of the lands. To the extent that it is determined that the county does not require any or all the 30 permits/applications, the county could simply submit a letter to the State Engineer and withdraw the unnecessary permits/applications. If, after meeting with Churchill County and describing the concerns with one or all of the applications, the county refuses to withdraw the permit(s)/application(s) that are or will be in conflict with the Navy's proposed operations, it would be appropriate for the officer of the Navy to submit a formal letter to the State Engineer detailing the specific concerns with each application and concluding the letter with a request that

the State Engineer deny the applications due to "conflicts with existing rights" and/or that the "proposed use threatens to prove detrimental to the public interest" as they will conflict with the Navy's existing or proposed uses on the subject lands.

3. Of the remaining 16 (49-33) water rights identified, 9 have been issued for mining and milling purposes. Of these 9, 6 permits have been certificated indicating that the permittee has demonstrated beneficial use of the duty allowed by the permit terms. The other three have been permitted, but not certificated. Further research is required to confirm the status of the mining and milling use at each of these locations.
    a. If the use has ceased at any one or all the sites, upon acquisition of the properties, it is recommended that the prepare and file a Report of Conveyance for each of the permits and certificates establishing its ownership interest in the land and appurtenant water rights. Then, as the Owner of Record, it is recommended that the Navy issue a formal letter to the State Engineer officially abandoning each of the unused permits. Abandoning the mining and milling permit/certificate will not adversely affect the Navy's opportunity to file a future application to appropriate the water resources at these site(s) if a potential beneficial use was identified.
    b. If the mining and milling use(s) are still active at any or all of these locations, it is recommended that the Navy carefully consider if the existing mining use will interfere with the anticipate future use of the properties and take appropriate actions to ensure that the potential interference is mitigated.
4. For the last 7 (16-9) water rights identified the following specific recommendations are offered:
    a. The state of Nevada, Department of Wildlife has two of these rights: one (67727/18413) is certificated and the other (67726) remains in a permit status. These permits are for unnamed springs that have been, or are being developed to support wildlife indigenous to the areas in proximity to the sources including bighorn sheep, mule deer, antelope, etc. It is expected that the Department's management of these resources is sufficiently passive so as not to conflict with the planned uses of the properties by the Navy. As a result, no further action is recommended or required.
    b. Claim of Vested Right, V08909, that was filed for irrigation purposes by Mr. Greenfield for irrigation of 40 acres within Gabbs Valley from Rawhide Hot Springs. Further research is required to confirm the status of the irrigation use at this location and to determine if it will be in conflict of the Navy's proposed use of this portion of the lands to be acquired. If the use remains active and the Navy determines it does not conflict with planned future uses in this area, in theory with the permission of the Navy as the new owner of the land, the use could continue after acquisition. However, if the use is found to conflict with the Navy's purposes, appropriate actions should be taken to terminate the use at this site.

c. Permit 303/Certificate 573X, was filed for "Other" purposes to appropriate water originating in Bench Creek for the use of the Bench Creek Ranch, a private property. This property, and the appurtenant water right, is within the lands to be acquired. Upon acquisition, it is recommended that the Navy prepare and file a Report of Conveyance to document its ownership interest in the subject water right.
d. Permit 4245/Certificate 1201 was filed for domestic purposes from Lucky Boy Spring. This property, and the appurtenant water right, is within the lands to be acquired. Upon acquisition, it is recommended that the Navy prepare and file a Report of Conveyance to document its ownership interest in the subject water right.
e. Permit 4597/Certificate 1580 was certificated for irrigation and domestic purposes for 8.9 acres of property that is within the lands to be acquired. Upon acquisition, it is recommended that the Navy prepare and file a Report of Conveyance to document its ownership interest in the subject water right.
f. Application 63886, which was filed to appropriate underground water for commercial purposes in Dixie Valley, is and has been RFP for over 20 years. Upon completing the acquisition of the subject properties, it is recommended that the Navy prepare and file a Report of Conveyance documenting its ownership interest in the subject water right application. Once the ownership interest has been established it is recommended that the Navy issue a letter to the State Engineer withdrawing this application.

We trust this summary together with the referenced documents is sufficient for your current purposes. During your review should you have any questions or require any clarifications, I trust you will not hesitate to contact me. Should you decide to accept our recommendations as listed above, we would be pleased to provide a specific proposal to accomplish the identified supplemental research and mapping efforts.

Sincerely,

R.O. ANDERSON ENGINEERING, INC.

Matthew P. Bernard, P.L.S., WRS
Director of Surveying

Attachments

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES
PROPOSED LANDS AREA

LEGEND

Township & Range
NDWR Basin Boundary

Existing Navy Lands
Existing Withdrawal
Indefinitely Withdrawan
Non Federal 07/25/2018
Navy Owned

Proposed Navy Lands
Proposed Withdrawal Expansion
Non Federal

Points of Diversion & Manner of Use
As Decreed
Commercial
Domestic
Environmental
Industrial
Irrigation
Mining & Milling
Municipal
Other
Quasi-Industrial
Quasi-Municipal
Recreational
Stock-Watering
Storage
Wildlife

R|O Anderson

Map Inset A
Map Inset B
Map Inset C
Map Inset D
Map Inset E
Map Inset F
Map Inset G
Map Inset H
Map Inset I

Basin: 073 Lovelock Valley
Basin: 101 Carson Desert
Basin: 101A Carson Desert
Basin: 102 Churchill Valley
Basin: 122 Gabbs Valley
Basin: 123 Rawhide Flats
Basin: 124 Fairview Valley
Basin: 125 Stingaree Valley
Basin: 126 Cowkick Valley
Basin: 127 Eastgate Valley Area
Basin: 128 Dixie Valley
Basin: 133 Edwards Creek Valley

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Prepared by:

R|O|Anderson

1603 Esmeralda Avenue, Minden NV 89423

PRIVATE RIGHTS
ABSTRACT OF SELECTED WATER RIGHTS
PROPOSED LANDS AREA

Basins: 101 - Carson Desert, 122 - Gabbs Valley, 123 - Rawhide Flats, 124 - Fairview Valley, 125 - Stingaree Valley, 126 - Cowkick Valley, 127 - Eastgate Valley Area, 128 - Dixie Valley

Counties: Churchill, Mineral, Nye, Pershing

No.	Basin	Priority	Status	Point of Diversion					CFS	Duty (AFA)	Place of Use APN	Use	Owner/Notes
				¼	¼	S	T	R					
303/573X	126	12/5/1906	Cert	SW	NW	29	19N	36E	5.00		Multiple	OTH	Paul Plouviez and Shizuko Shimada
1510/0006	128	11/6/1909	Cert	NE	SW	8	19N	36E	0.28	202.74	Multiple	MM	American Innovative Minerals, LLC POU includes Wonder Townsite
4245/1201	124	12/11/1916	Cert	NW	SW	23	15N	32E	0.012		002-271-01	DOM	Lofthouse, Mamie
4516/1834	101	7/19/1917	Cert	NW	NE	32	21N	33E	0.02	4.48	003-811-12	STK	California Lands Inc.
4517/1835	128	7/19/1917	Cert	NW	SE	1	19N	33EH	0.02	14.48	003-251-02	STK	Kent Land & Livestock Company
4518/1836	128	7/19/1917	Cert	SE	SE	22	19N	33E	0.02	8.68	003-231-01	STK	Kent Land & Livestock Company
4597/1580	101	9/9/1917	Cert	SW	SE	11	20N	33E	0.089	32.00 afs	003-451-01	IRR	California Lands Inc.
4923/0924	101	2/19/1918	Cert	SW	NW	5	16N	28E	0.05	36.182	002-411-02	STK	Clemons, Jay H.
5368/712	101	1/23/1919	Cert	SW	NE	24	19N	32E	0.025	13.6873	003-211-01	STK	Kent, C.E.
5508/969	101	5/21/1919	Cert	NW	NW	22	21N	33E	0.002	0.644	003-811-12	STK	California Lands Inc.
6896/1136	122	5/5/1923	Cert	SE	SW	13	12N	35E	0.015	4.664	001-081-01	STK	Michael C. & Claudia C. Casey €
7236/1315	124	10/29/1924	Cert	SW	SW	30	15N	33E	0.002	1.44	002-291-01	STK	O'Neill, George W.
7882/1527	126	9/2/1926	Cert	SW	SW	21	18N	35E	0.022	11.2	003-111-02	STK	Danberg, L.H.
8127/2351	101	5/6/1927	Cert	SW	NE	2	20N	33E	0.01	5.46	003-451-01	STK	Kent Land & Livestock Company
8141/2353	101	5/24/1927	Cert	SE	SE	29	21N	33E	0.01	5.43	003-811-12	STK	California Lands Inc.
8833/1674	128	2/18/1929	Cert	NE	NE	6	20N	34E	0.016	11.57	003-471-01	STK	California Lands Inc.
8834/1675	128	2/18/1929	Cert	SE	NW	12	20N	33E	0.028	20.25	003-451-01	STK	Kent Land & Livestock Company
8896/1677	128	5/3/1929	Cert	SE	NE	1	21N	34E	0.028	20.25	003-451-01	STK	Kent Land & Livestock Company
8897/1678	128	5/3/1929	Cert	NW	NE	4	18N	33E	0.015	10.86	003-071-01	STK	Kent Land & Livestock Company
9593/2528	128	6/1/1932	Cert	SE	NW	12	21N	33E	0.0089	3.01	003-811-12	STK	Johnson, Clifford
10400/2889	122	7/17/1939	Cert	SW	SE	11	12N	35E	0.0156	11.2	001-081-01	STK	King, Samuel E and Jeanne
10616/2794	122	1/29/1940	Cert	SE	SE	11	13N	34E	0.006	4.48	001-041-01	STK	Brown, Roy A. and Leanor L.
12067/3483	122	11/1/1947	Cert	SW	SW	5	11N	35E	0.01	3.92	001-061-01	STK	King, Samuel E and Jeanne
12100/3889	122	11/19/1947	Cert	NW	NW	30	13N	33E	0.28	202.71	005-200-07	MM	Nevada Scheelite Inc.
12101/3890	122	11/19/1947	Cert	SE	NW	30	13N	33E	0.28	202.71	005-200-07	MM	Nevada Scheelite Inc.

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Counties: Churchill, Mineral, Nye, Pershing

No.	Basin	Priority	Status	Point of Diversion					CFS	Duty (AFA)	Place of Use APN	Use	Owner/Notes
				¼	¼	S	T	R					
12139/3484	122	12/22/1947	Cert	SW	NE	11	12N	34E	0.012	8.96	001-031-02	STK	Brown, Harry L. & Katherine
12140/3485	122	12/22/1947	Cert	NW	NE	28	12N	34E	0.012	8.96	001-021-01	STK	Brown, Harry L. & Katherine
14613/4118	122	11/10/1952	Cert	NE	SW	19	14N	35E	0.034	24.61	005-080-01	MM	Ellenwood Livestock Co.
17408/5178	101	10/3/1957	Cert	NE	NE	12	24N	33E	0.891	56.0074	005-191-12	MM	U.S. Steel Corporation
21760/6180	122	1/20/1964	Cert	NE	SW	7	12N	34E	0.0187	13.44	001-031-02, 005-340-01	STK	Homgren, Jackie A.
37671/11752	128	4/4/1979	Cert	SE	NE	12	20N	33E	0.001	6.44	003-451-01	STK	Kent, Ira H. and Nina K., Silver Range Ranch
37673/11754	128	4/4/1979	Cert	NW	NE	21	19N	33E	0.004	3.22	003-231-01	STK	Kent, Ira H. and Nina K., Silver Range Ranch
37683/11764	128	4/4/1979	Cert	NW	NE	29	19N	33E	0.001	0.74	003-231-01	STK	Kent, Ira H. and Nina K., Silver Range Ranch
37688/11769	124	4/4/1979	Cert	NE	NE	12	18N	32E	0.002	1.59	003-051-01	STK	Kent, Ira H. and Nina K.
37689/11770	128	4/4/1979	Cert	SW	NE	30	19N	33E	0.002	1.63	003-231-01	STK	Kent, Ira H. and Nina K.
37690/11771	128	4/4/1979	Cert	NE	SE	6	18N	33E	0.001	1.44	003-071-01	STK	Kent, Ira H. and Nina K.
37691/11772	128	4/4/1979	Cert	NE	NE	36	19N	32E	0.003	2.179	003-211-01	STK	Kent, Ira H. and Nina K.
37692/11773	128	4/4/1979	Cert	NW	SW	31	19N	33E	0.002	1.44	003-231-01	STK	Kent, Ira H. and Nina K.
37693/11774	128	4/4/1979	Cert	SW	SE	4	18N	33E	0.004	3.62	003-071-01	STK	Kent, Ira H. and Nina K.
37694/11775	128	4/4/1979	Cert	NE	SW	33	19N	33E	0.002	1.44	003-231-01	STK	Kent, Ira H. and Nina K.
39863/10717	128	12/3/1979	Cert	NE	NW	8	18N	33E	0.007	4.84	003-071-01	STK	Kent, Ira H. and Nina K.
41026/10877	122	4/7/1980	Cert	NE	SE	21	14N	35E	0.017	10.08	005-090-01	STK	Alpine Ranching Company
44345/PER	125	8/24/1981	PER	SE	NE	2	16N	34E	0.5	362.0	002-531-02	MM	Bell Mountain Exploration Corp.
46688/12001	122	2/28/1983	Cert	SW	SW	17	13N	34E	0.005	1.68	001-041-01	STK	Brown, Harry L. & Katherine
47409/12957	126	5/22/1981	Cert	NW	SE	36	19N	35E	0.245	53.09	003-271-02	MM	Wonder District, LLC
49202/RFA	128	7/16/1985	RFA	SW	NW	22	21N	34E	6.0	0.00	Multiple	QM	Churchill County
49203/RFA	128	7/16/1985	RFA	NW	NE	24	22N	34E	6.0	0.00	Multiple	QM	Churchill County - POD outside existing and proposed POU within exisiting and proposed
49204/RFA	128	7/16/1985	RFA	NE	NE	12	23N	35E	6.0	0.00	Multiple	QM	
49205/RFA	128	7/16/1985	RFA	NE	SE	15	24N	36E	6.0	0.00	Multiple	QM	
49466/12829	101	10/21/1985	Cert	SW	NW	8	17N	27E	0.01	7.212	002-671-01	STK	Bureau of Land Management

Prepared by:

R|O|Anderson

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Counties: Churchill, Mineral, Nye, Pershing

No.	Basin	Priority	Status	Point of Diversion					CFS	Duty (AFA)	Place of Use APN	Use	Owner/Notes
				¼	¼	S	T	R					
49794/RFA	128	3/31/1986	RFA	SW	SE	33	19N	34E	6.00	0.0	Multiple	QM	Churchill County - POD outside existing and proposed POU within proposed
49796/RFA	128	3/31/1986	RFA	SE	SE	16	20N	34E	6.00	0.0	Multiple	QM	Churchill County
49797/RFA	128	3/31/1986	RFA	SE	SE	33	21N	34E	6.0	0.0	Multiple	QM	Churchill County
49798/RFA	128	3/31/1986	RFA	SE	SE	3	21N	34E	6.0	0.0	Multiple	QM	Churchill County
49799/RFA	128	3/31/1986	RFA	NW	SW	25	22N	34E	6.0	0.0	Multiple	QM	Churchill County
63886/RFP	128	3/4/1998	RFP	SW	SW	8	21N	35E	0.446		Multiple	COM	Casey, Michael A.
65188/PER	125	6/9/1999	Per	NW	NW	25	17N	34E	0.025	1	002-771-06	MM	Martin Minerals, Inc.
67726/PER	124	6/29/2001	Per	NE	SW	25	15N	32E	0.01	0.4928	002-271-01	WLD	Nevada Department of Wildlife
67727/18413	124	6/29/2001	Cert	SE	NW	36	15N	32E	0.0032	0.45	002-271-01	WLD	Nevada Division of Wildlife
72404/PER	101	3/24/2000	Per	SW	NW	35	19N	28E	1.7	444.52	Multiple	MUN	Churchill County
73000/PER	101	5/16/1977	Per	SW	NW	35	19N	28E	0.783	309.28	Multiple	MUN	Churchill County, Churchill West, LLC, Haneva, LLC
73001/PER	101	5/16/1977	Per	SW	NW	35	19N	28E	0.783	188.0	Multiple	MUN	Churchill County, Churchill West, LLC, Haneva, LLC,
73002/PER	101	5/16/1977	Per	SW	NW	35	19N	28E	2.0	320.0	Multiple	MUN	Churchill County, Granville Utility LLC, Truckee River Ranch LLC
73003/PER	101	6/6/1977	Per	SW	NW	35	19N	28E	2.9058	620.0	Multiple	MUN	Churchill West, LLC, Haneva, LLC
73635/PER	101	6/28/2001	Per	SW	NW	35	19N	28E	0.0233	1.49	Multiple	MUN	Churchill County
76356/21375	101	3/11/1998	Cert	SW	NW	35	19N	28E	0.039	0.44	Multiple	MUN	Churchill County
76541/PER	101	3/15/1977	Per	NE	SW	23	19N	28E	0.061	10.32	Multiple	MUN	Churchill County
76736/21376	101	11/15/2005	Cert	SW	NW	35	19N	28E	0.05	1.12	Multiple	MUN	Churchill County
76737/21377	101	11/15/2005	Cert	SW	NW	35	19N	28E	0.05	1.12	Multiple	MUN	Churchill County
77079/PER	101	9/24/2002	Per	SW	NW	35	19N	28E	0.09	4.48	Multiple	MUN	Churchill County
79617/RFA	128	2/19/2010	RFA	SW	NW	22	21N	34E	6.0	0.00	Multiple	MUN	Churchill County
79618/RFA	128	2/19/2010	RFA	NW	NE	24	22N	34E	6.0	0.00	Multiple	MUN	Churchill County
79619/RFA	128	2/19/2010	RFA	NE	NE	12	23N	35E	6.0	0.00	Multiple	MUN	Churchill County

Prepared by:

R|O|Anderson

1603 Esmeralda Avenue, Minden NV 89423

PRIVATE RIGHTS
ABSTRACT OF SELECTED WATER RIGHTS
PROPOSED LANDS AREA

Basins: 101 - Carson Desert, 122 - Gabbs Valley, 123 - Rawhide Flats, 124 - Fairview Valley, 125 - Stingaree Valley, 126 - Cowkick Valley, 127 - Eastgate Valley Area, 128 - Dixie Valley

Counties: Churchill, Mineral, Nye, Pershing

No.	Basin	Priority	Status	Point of Diversion					CFS	Duty (AFA)	Place of Use APN	Use	Owner/Notes
				¼	¼	S	T	R					
79620/RFA	128	2/19/2010	RFA	NE	SE	15	24N	36E	6.0	0.00	Multiple	MUN	Churchill County
79621/RFA	128	2/19/2010	RFA	SW	SE	33	19N	34E	6.0	0.00	Multiple	MUN	Churchill County
79623/RFA	128	2/19/2010	RFA	SE	SE	16	20N	34E	6.0	0.00	Multiple	MUN	Churchill County
79624/RFA	128	2/19/2010	RFA	SE	SE	33	21N	34E	6.0	0.00	Multiple	MUN	Churchill County
79625/RFA	128	2/19/2010	RFA	SE	SE	3	21N	34E	6.0	0.00	Multiple	MUN	Churchill County
79626/RFA	128	2/19/2010	RFA	NW	SW	25	22N	34E	6.0	0.00	Multiple	MUN	Churchill County - POD outside existing and proposed POU within exisiting and proposed
79683/19919	101	3/12/2010	Cert	NE	NE	12	24N	33E	0.01	4.9	005-191-12	STK	Jim Estill
80270/PER	101	11/3/2010	Per	NW	NE	13	24N	33E	4.8	1750	Multiple	MM	Nevada Iron LLC 50%; New Nevada Lands, LLC 50%
81506/PER	101	4/28/1960	Per	SW	NW	35	19N	28E	0.52	10.0	Multiple	MUN	Churchill County
81713/PER	101	11/16/1999	PER	SW	NW	35	19N	28E	0.0267	0.54	Multiple	MUN	Churchill County
86831/PER	125	1/12/2017	Per	SW	SW	36	17N	34E	0.03	20.61	002-771-06	STK	Casey, Michael A.
87043/PER	101	6/12/1987	Per	SW	NW	35	19N	28E	0.01	7.18	Multiple	MUN	Churchill County
87619/PER	125	1/29/2018	Per	SW	SW	36	17N	34E	0.017	11.96	Multiple	STK	Bench Creek Ranch Co., LLC
87676/PER	125	2/13/2018	Per	SW	SW	33	17N	35E	0.017	11.96	Multiple	STK	Bench Creek Ranch Co., LLC
87760/PER	127	3/12/2018	Per	NE	SW	1	17N	36E	0.0166	11.94	Multiple	STK	Bench Creek Ranch Co., LLC
87761/PER	127	3/12/2018	Per	NE	NE	26	18N	36E	0.0166	11.94	Multiple	STK	Bench Creek Ranch Co., LLC
87771/PER	126	3/12/2018	Per	NW	SE	36	19N	35E	0.0166	11.94	Multiple	STK	Bench Creek Ranch Co., LLC
87878/PER	128	4/24/2018	Per	NW	SW	6	21N	34E	0.0166	11.94	003-831-19	STK	Bench Creek Ranch Co., LLC
87879/PER	128	4/24/2018	Per	SW	NW	7	21N	34E	0.0166	11.94	003-831-19	STK	Bench Creek Ranch Co., LLC
87887/PER	128	4/24/2018	Per	SW	NW	18	21N	34E	0.0166	11.94	003-831-19	STK	Bench Creek Ranch Co., LLC
87888/PER	128	4/24/2018	Per	NW	SW	18	21N	34E	0.0166	11.94	003-831-19	STK	Bench Creek Ranch Co., LLC
87889/PER	128	4/24/2018	Per	NW	NW	19	21N	34E	0.0166	11.94	003-831-19	STK	Bench Creek Ranch Co., LLC
87890/PER	128	4/24/2018	Per	NW	NW	29	21N	34E	0.0166	11.94	003-831-19	STK	Bench Creek Ranch Co., LLC
87891/PER	128	4/24/2018	Per	SE	SE	30	21N	34E	0.0166	11.94	003-831-19	STK	Bench Creek Ranch Co., LLC

Prepared by:

R|O|Anderson

1603 Esmeralda Avenue, Minden NV 89423

PRIVATE RIGHTS
ABSTRACT OF SELECTED WATER RIGHTS
PROPOSED LANDS AREA

Basins: 101 - Carson Desert, 122 - Gabbs Valley, 123 - Rawhide Flats, 124 - Fairview Valley, 125 - Stingaree Valley, 126 - Cowkick Valley, 127 - Eastgate Valley Area, 128 - Dixie Valley

Counties: Churchill, Mineral, Nye, Pershing

No.	Basin	Priority	Status	Point of Diversion					CFS	Duty (AFA)	Place of Use APN	Use	Owner/Notes
				¼	¼	S	T	R					
87892/PER	128	4/24/2018	Per	SW	NE	5	20N	34E	0.0166	11.94	003-471-01	STK	Bench Creek Ranch Co., LLC
87893/PER	128	4/24/2018	Per	SW	NE	5	20N	34E	0.0166	11.94	003-471-01	STK	Bench Creek Ranch Co., LLC
87894/PER	128	4/24/2018	Per	NE	NE	8	20N	34E	0.0166	11.94	003-471-01	STK	Bench Creek Ranch Co., LLC
87895/PER	128	4/24/2018	Per	NW	SW	8	20N	34E	0.0166	11.94	003-471-01	STK	Bench Creek Ranch Co., LLC
87896/PER	128	4/24/2018	Per	NW	NW	20	20N	34E	0.0166	11.94	003-471-01	STK	Bench Creek Ranch Co., LLC
87897/PER	128	4/24/2018	Per	NW	SW	31	20N	34E	0.0166	11.94	003-471-01	STK	Bench Creek Ranch Co., LLC
88495/RFA	101	8/12/1971	RFA	SW	NW	35	19N	28E	0.5	61.07	Multiple	MUN	Churchill County
V02184	124	01/01/1890	Vested	SE	NE	25	15N	34E		26.88	002-311-02	STK	George B. Williams Land & Livestock Co.
V03204	128	1/1/1905	Vested	NE	SW	33	19N	33E	0.002	1.63	003-231-01	STK	Kent, Ira H. and Nina K.
V03205	128	1/1/1905	Vested	SW	SE	4	18N	33E	0.0089	6.44	003-071-01	STK	Kent, Ira H. and Nina K.
V03206	128	1/1/1905	Vested	NW	SW	31	19N	33E	0.006	4.85	003-231-01	STK	Kent, Ira H. and Nina K.
V03207	128	1/1/1905	Vested	NE	NE	36	19N	32E	0.007	4.85	003-211-01	STK	Kent, Ira H. and Nina K.
V03208	128	1/1/1905	Vested	NE	SE	6	18N	33E	0.007	4.84	003-071-01	STK	Kent, Ira H. and Nina K.
V03209	128	1/1/1905	Vested	SW	NE	30	19N	33E	0.002	1.63	003-231-01	STK	Kent, Ira H. and Nina K.
V03210	124	1/1/1905	Vested	NE	NE	12	18N	32E	0.002		003-051-01	STK	Kent, Ira H. and Nina K.
V03215	128	1/1/1905	Vested	NW	NE	29	19N	33E	0.007	4.85	003-231-01	STK	Kent, Ira H. and Nina K. and Silver Sage Ranch
V03219	128	1/1/1905	Vested	SE	NE	12	20N	33E	0.0089	7.82	003-451-01	STK	Kent, Ira H. and Nina K. and Silver Sage Ranch
V03221	128	1/1/1905	Vested	NW	NE	21	19N	33E	0.004	3.22	003-231-01	STK	Kent, Ira H. and Nina K. and Silver Sage Ranch
V08909	122	3/1/1905	Vested	NE	SW	7	12N	34E	0.268	195.57	001-031-02, 005-340-01	IRR	Greenfield, Ron
V10070	124	01/01/1878	Vested	SE	NW	33	15N	34E	0.031		002-311-02	STK	Casey, Michael A. & Claudia C.
V10285	124	01/01/1890	Vested	SW	SE	25	15N	34E	0.0267		002-311-02	STK	Casey, Michael A. & Claudia C.

APPENDIX A

KEY WATER RIGHT TERMS

KEY WATER RIGHT TERMS

Abandonment (Water Right) — (1) Generally refers to the intentional surrender of a water right by virtue of nonuse. (2) Failure to put a water right to *Beneficial Use* for generally five or more years, in which the owner of the water right states that the water right will not be used or takes such actions that would prevent the water from being beneficially used.

Acre-Foot (AF) — A unit commonly used for measuring the volume of water; equal to the quantity of water required to cover one acre (43,560 square feet or 4,047 square meters) to a depth of 1 foot (0.30 meter) and equal to 43,560 cubic feet (1,234 cubic meters), or 325,851 gallons

Adjudication — (1) Refers to a judicial process whereby water rights are determined or decreed by a court of law. (2) A court proceeding to determine all rights to the use of water on a particular stream system or within a specific ground water basin.

Appropriation — A granting process whereby authority is granted by a state to divert, store, or use the public waters of the state. Often used interchangeably with the terms water right and water permit. Nevada's water law is based on statutes enacted in 1903 and 1905 and are founded on the principal of *Prior Appropriation*. Unlike some other states, Nevada has a statewide system for the administration of both ground water and surface water. Appropriative water rights are based on the concept of applying water to *Beneficial Use* and *"First in Time, First in Right."* Appropriative water rights can be lost through nonuse and they may be sold or transferred apart from the land. Due in large part to the relative scarcity of water in Nevada and numerous competing uses, Nevada has had a thriving market for water transfers for a number of years. A person in Nevada who desires to place water to beneficial use must file an application with the State Engineer to initiate the process of acquiring an appropriative water right.

Certificated Water Right — The right granted by a state water agency to use either surface or ground water.

CFS (Cubic Foot per Second) — A unit of discharge for measurement of flowing liquid equal to a flow of one cubic foot per second past a given section. A rate of flow equivalent to 448.83 gallons per minute. Also written as C.F.S. and cfs.

Decreed Rights (Water) — Water rights determined by court decree.

Diversion — (1) A structure in a river or canal that diverts water from the river or canal to another watercourse. (2) The transfer of water from a stream, lake, aquifer, or other source of water by a canal, pipe, well, or other conduit to another watercourse or to the land, as in the case of an irrigation system. Also, a turning aside or alteration of the natural course of a flow of water, normally considered physically to leave the natural channel. In some states, this can be a consumptive use direct from a stream, such as by livestock watering. In other states, a diversion must consist of such actions as taking water through a canal or conduit.

Diversion Rate — A rate of water flow (cfs) diverted into a canal or through a farm headgate.

Domestic Water — Water supplied to individual dwellings and other land uses which is suitable for drinking.

Duty (of Water) — (1) The total volume of water per year that may be diverted under a vested water right. (2) The total volume of irrigation water required for irrigation in order to mature a particular type of crop. In stating the duty, the crop, and usually the location of the land in question, as well as the type of soil, should be specified. It also includes consumptive use, evaporation and seepage from on-farm ditches and canals, and the water that is eventually returned to streams by percolation and surface runoff

Forfeiture (Water Right) — (1) The loss of a water right through nonuse for a specified period of time; can occur involuntarily. (2) The invalidation of a water right because of five or more consecutive years of nonuse.

Perfected Water Right — (1) A completed or fully executed water right. A water right is said to have been perfected when all terms and conditions associated with it have been fully accomplished, e.g., the diversion has been affected and the water applied to beneficial use. (2) A water right to which the owner has applied for and obtained a permit, has complied with the conditions of the permit, and has obtained a license or certification of appropriation. (3) A water right which indicates that the uses anticipated by an applicant, and made under permit, were made for *Beneficial Use*. Usually it is irrevocable unless voluntarily canceled or forfeited due to several consecutive years of nonuse.

Place of Use — The specific location, typically documented in a water right permit, where water is applied or used. A water user cannot use water at another location without transferring the right or obtaining a new right.

Point of Diversion — The point from which water is diverted from a source.

Priority — The concept that the person first using water has a better right to it than those commencing their use later. An appropriator is usually assigned a "priority date". However, the date is not significant in and of itself, but only in relation to the dates assigned other water users from the same source of water. Priority is only important when the quantity of available water is insufficient to meet the needs of all those having a right to use water.

Proof of Beneficial Use — A part of the water right application and permitting process which documents that the water permitted for use has been applied to *Beneficial Use*. Generally, this process is followed by the issuance of the water right certificate (*Perfected Water Right*).

Supplemental Sources — When irrigation water supplies are obtained from more than one source, the source furnishing the principal supply is commonly designated the primary source, and the sources furnishing the additional supplies, the supplemental sources.

Surface Supply (of Water) — Water supply from streams, lakes, and reservoirs.

Underground Water — Water below the surface of the ground. Also referred to as *Groundwater*, *Ground Water*, *Subsurface Water*, and *Subterranean Water*.

Vested Water Right — (1) The water right to use either surface or ground water acquired through more or less continual beneficial use prior to the enactment of water law pertaining to the source of the water. These claims become final through *Adjudication*. (2) A fully executed or finalized appropriative right to use the waters of a state for a beneficial purpose. Also see *Certificated Water Right* and *Perfected Water Right.*

APPENDIX B

PRIVATE PARTY WATER RIGHTS

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 86831

BASIN: Stingaree Valley (125) **COUNTY:** Churchill

LATITUDE: 39.288798 **LONGITUDE:** -118.109629

OWNERSHIP:	Casey, Michael A.
PRIORITY DATE:	1/12/2017
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	SW¼SW¼ Section 36, T.17N., R.34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	920 cattle
PLACE OF USE:	Multiple
DIVERSION RATE:	0.03 cfs
ALLOWED DUTY:	20.61 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Per
DUE DATES:	POC 04/11/20; PBU 04/11/20
REMARKS:	Chalk Mountain Well

POD PARCEL:	Churchill County APN 002-771-06
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 002-771-06
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

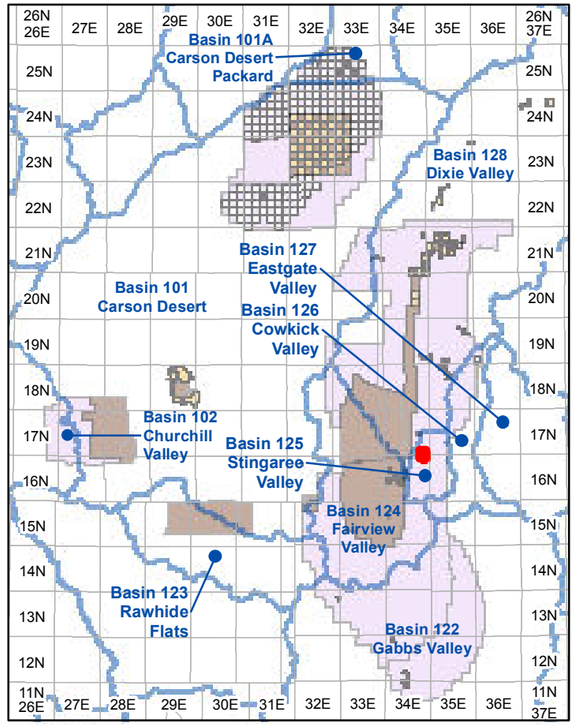
Permit 86831

The current owner of Permit 86831 is Michael A. Casey. The permit was approved by the State Engineer on April 11, 2018. It has a priority date of January 12, 2017 and a total duty of 20.61 acre-feet annually with an allowed diversion rate of 0.03 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

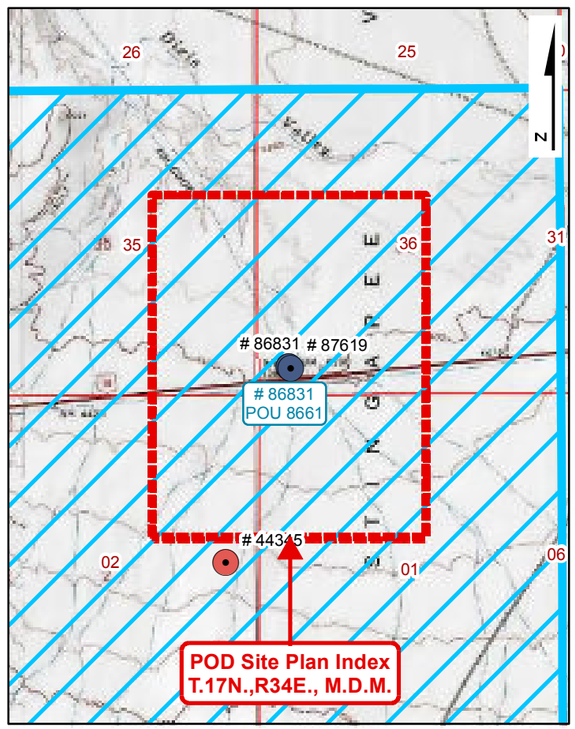
The point of diversion is located within the SW¼SW¼ Section 36, Township 17N, Range 34E, MDM. The permitted place of use is in the Stingaree Valley Basin within Churchill County APN 002-771-06 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
SW	SW	36	17N	34E	920 cattle

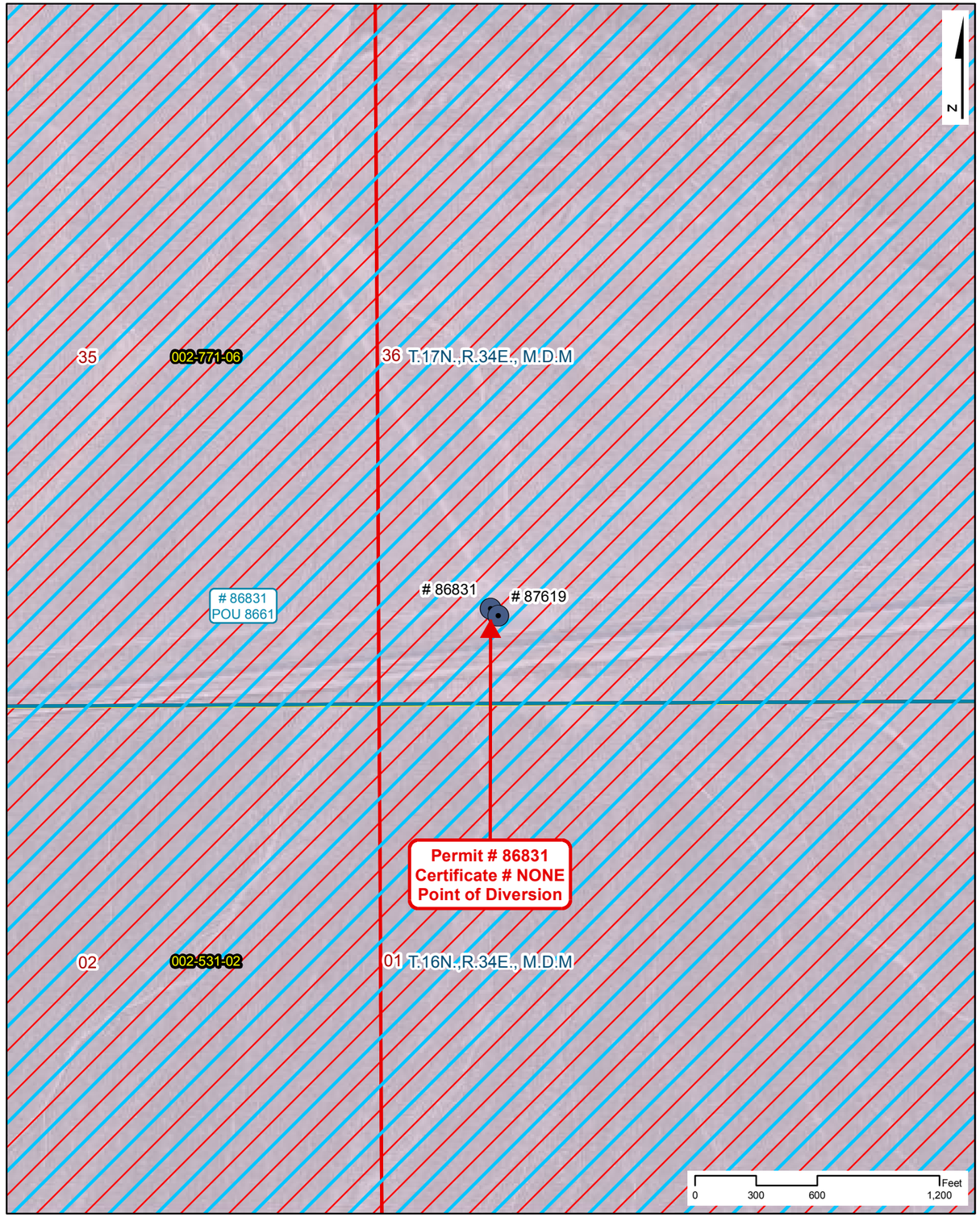
The Proof of Completion for Permit 86831 has a due date of April 11, 2020 and the Proof Beneficial Use has a due date of April 11, 2020.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 86831 **CERTIFICATE: NONE**

BASIN: Stingaree Valley (125) **COUNTY: Churchill**
LATITUDE: 39.288798 **LONGITUDE: -118.109629**
POINT OF DIVERSION: **SW1/4,SW1/4, Section 36, T.17N.,R34E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **8661**
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Casey, Michael A.

PRIORITY DATE: **1/12/2017**
PERMIT DATE: **4/11/2018**
CERTIFICATE DATE:
DUE DATE: **POC - 04/11/19; PBU - 04/11/20**

USE UNITS

920 Cattle

SOURCE DESCRIPTION: **Underground**
MANNER OF USE: **Stock-Watering**
DIVERSION RATE: **0.03 CFS**
ALLOWED DUTY: **20.610 AFA**
PERIOD OF USE: **01/01-12/31**

GIS PARCEL DATA

A.P.N. 002-771-06, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

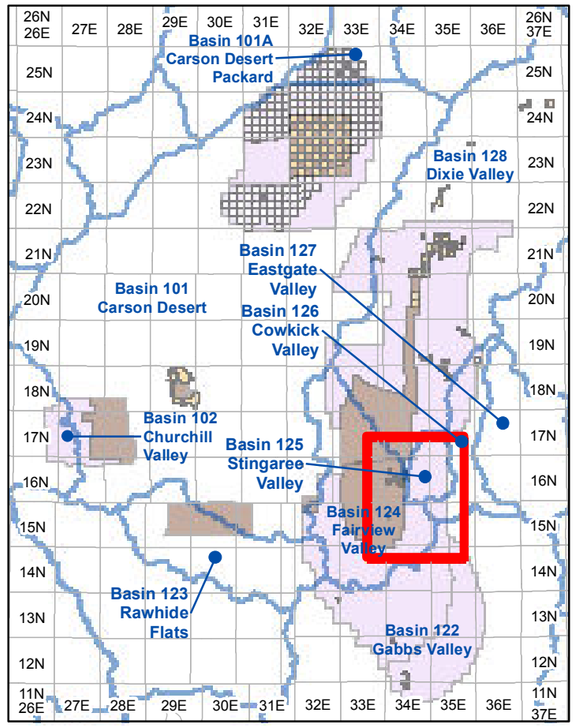
PERMIT: 86831
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:48:27 AM

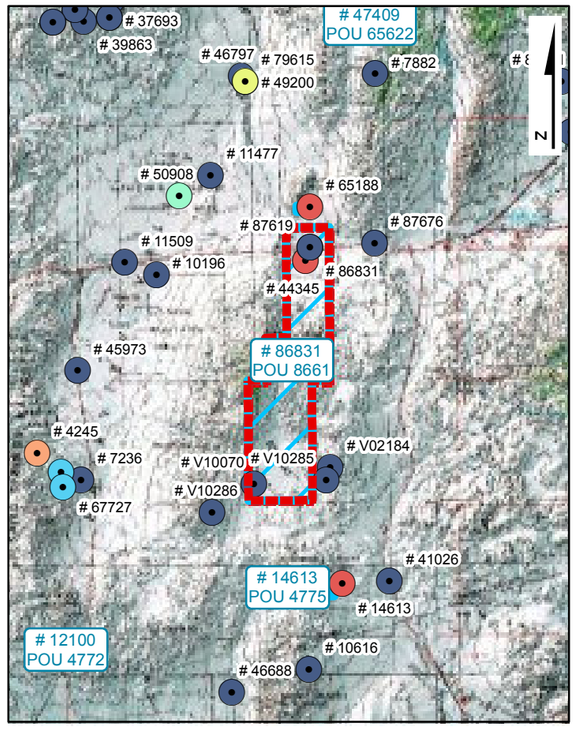
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

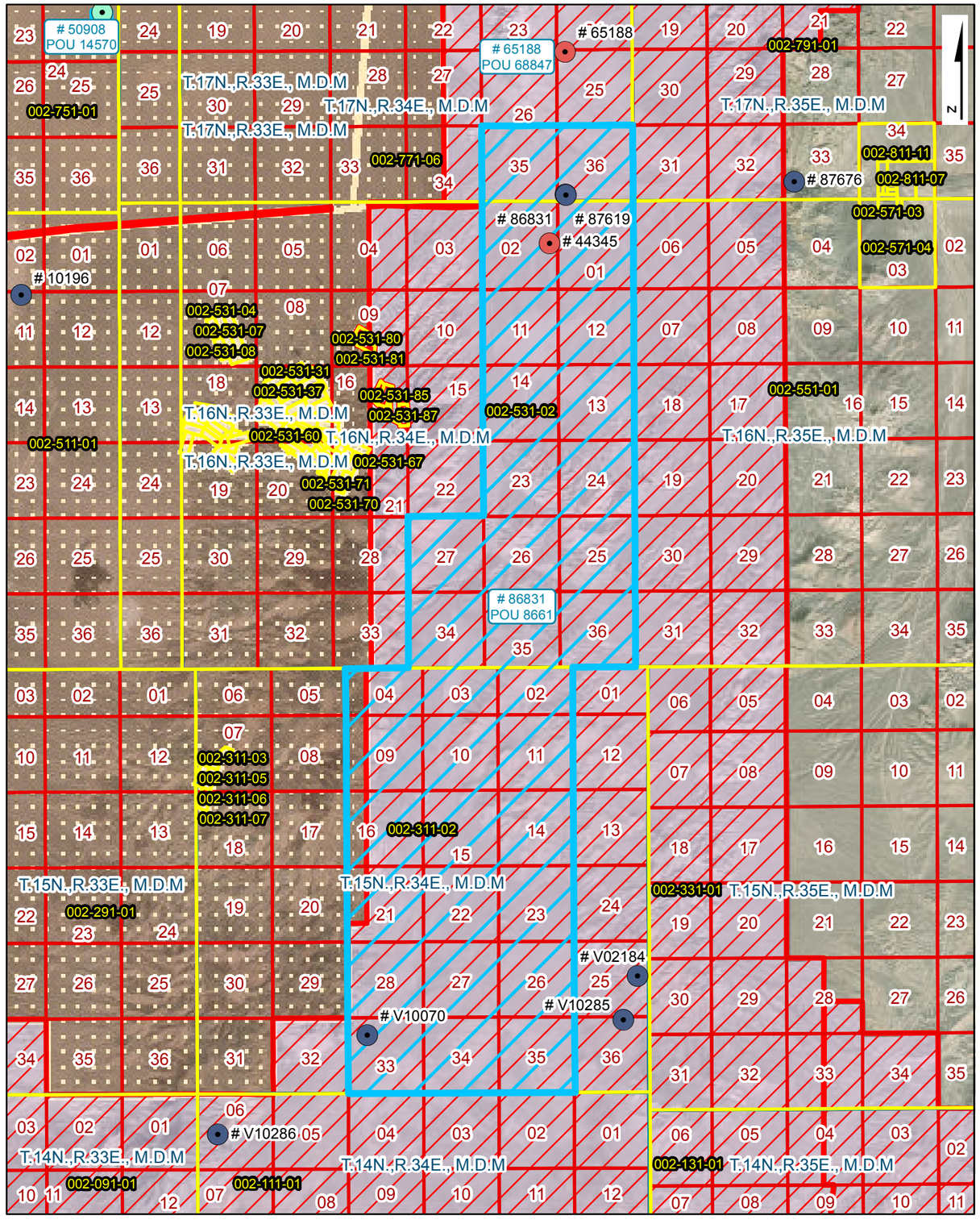
WATER RIGHT: 86831 **DWR POLYGON ID: 8661**



Township and Range Index



USGS Quadmap Site Plan Index



Place of Use Site Plan

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

WATER RIGHT: 86831
DWR POLYGON ID: 8661

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 10:57:16 AM

Permit No. 86831

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**MICHAEL A. CASEY**
Source:	**UNDERGROUND**
Basin:	**STINGAREE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**01/12/2017**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. It is further understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to any other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water herein granted at any and all times.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.03 cubic feet per second and 20.61 acre-feet annually, or sufficient to water 920 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **April 11 2019**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **April 11 2020**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, JASON KING, P.E.,

State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 11th day of **April, 2018**

PE

State Engineer

Application No. 86831

AMENDED

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office JAN 12 2017

Returned to applicant for correction

Corrected Application filed Map filed Sept. 22, 1981 Under 44344

The applicant Michael A Casey

P.O Box 5184 of Fallon

Street Address or P.O. Box City or Town

Nevada 89407 Q

State and ZIP Code E-mail Address

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

RECEIVED
2017 FEB -1 AM 11:53
STATE ENGINEER'S OFFICE

1. The source of water is underground
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.10 second feet
   One second foot equals 448.83 gallons per minute.
   (a) If stored in a reservoir give the number of acre-feet
3. The water is to be used for livestock watering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated
   (b) Stockwater, state number and kind of animals Cattle 920
   (c) Other use (describe fully in No. 12)
   (d) Power:
      (1) Horsepower developed
      (2) Point of return of water to stream

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)
T. 17N R 34E MDB&M in the SW1/4 SW1/4 Sec 36 or at a point from the which the SE Corner of Section 36 T17N R34E MDB.M bears S. 84 decrees 40'27" E 4740.5 Feet

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)
T17N R34E Sec 35 and 36
T16N R34E Sections. 1, 2, 11, 12, 13, 14, 23, 24, 25, 26, 27 34, 35 and 36
T.15N R34E Sections 2, 3, 10, 11, 14, 15, 16, 21, 22, 23, 26 27, 28, 33, 34 and 35 MDB.M

7. Use will begin about Oct 15th (Month and Day) and end about May 1st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.) Well is existing
Diversion 1½ hp submersable Pump. Discharged Directly into storage tanker on Water truck

9. Estimated cost of works: $5,000

10. Estimated time required to construct works: 1yr (If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 1yr

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)
Haul water to cattle in a water tanker. Storage to water also in tanker truck or directly into water truck.

13. Miscellaneous remarks:

RECEIVED
2017 FEB -1 AM 11:53
STATE ENGINEERS OFFICE

Q
E-mail Address

775-423-5019
Phone No. Ext

APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT

Michael A Casey
Type or print name clearly

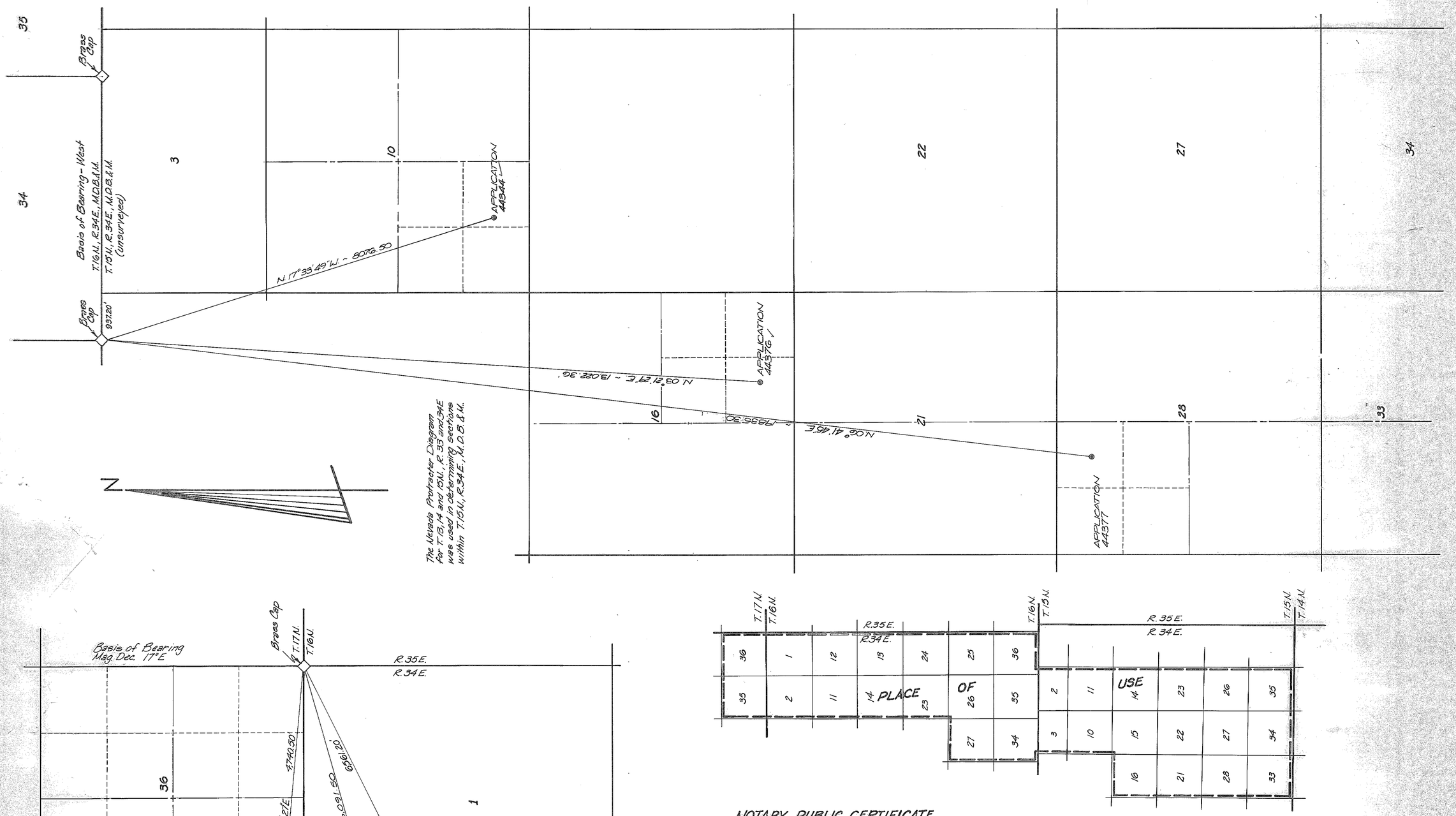
Michael A Casey
Signature, applicant or agent

Self
Company Name

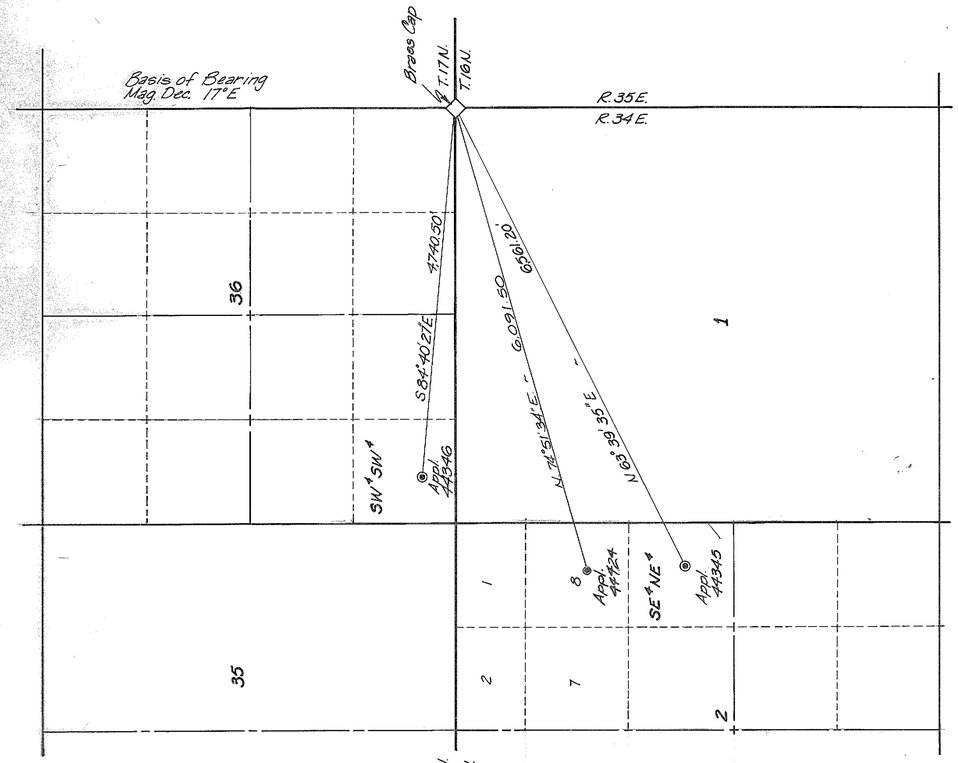
P.O. Box 5184
Street Address or PO Box

Fallon Nevada 89407
City, State, ZIP Code

Revised 07/16 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION



The Nevada Protractor Diagram
For T.13, 14 and 15N., R.33 and 34E
was used in determining sections
within T.15N., R.34E., M.D.B.&M.



NOTARY PUBLIC CERTIFICATE

Subscribed and sworn to before me this 4th day of Sept., 1981.

DONNA L. CHOUTEAU
Notary Public - State of Nevada
Washoe County
My Appointment Expires Apr. 6, 1985

Donna L. Chouteau
Notary Public in and for the State of Nevada

SURVEYOR'S CERTIFICATE

I, David M. Boyer, being first duly sworn, depose and say that this map, consisting of 1 sheet has been correctly drawn to the designated scale from field notes of a survey made by me, (or under my supervision and direction), between the 13th day of August and the 14th of August, 1981, that it truly and correctly represents the proposed location and extent of the works used to divert water from an underground source, in Churchill County, by Pyramid Resources, Inc., dba Bell Mountain Mining Co, for mining, milling and domestic purposes.

David M. Boyer
David M. Boyer
State Water Rights Surveyor #538

RECEIVED
SEP 22 1981
STATE ENGINEER'S OFFICE

FILED
SEP 22 1981
STATE ENGINEER'S OFFICE

0 1000 2000 3000 4000 5000
Scale: 1" = 1000'

44344-46 44376-77 44424

MAP

TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR
MINING, MILLING AND DOMESTIC PURPOSES
BY PYRAMID RESOURCES, INC.
dba BELL MOUNTAIN MINING CO.
FROM AN UNDERGROUND SOURCE
CHURCHILL COUNTY NEVADA

OMNI-MEANS, Ltd.
Engineers & Planners

1362-0004

44424 44377 44376 44346 44345 44344

87619 86839

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 86831
Status: PERMIT
Certificate: None

General Maps & Due Dates Place of Use Abrogations/Protests/Rulings Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CASEY, MICHAEL A.	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
CASEY, MICHAEL A.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Permit 87043

BASIN: Carson Desert (101) **COUNTY:** Churchill

LATITUDE: 39.470777 **LONGITUDE:** -118.814455

OWNERSHIP:	Churchill County
PRIORITY DATE:	06/12/1987
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	SW¼NW¼ Section 35, T.19N., R.28E., M.D.M.
MANNER OF USE:	MUN
PLACE OF USE:	See attached table
DIVERSION RATE:	0.01 cfs
ALLOWED DUTY:	7.18 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATES:	PBU due 05/30/2021
REMARKS:	The total combined duty of water under Permits 72404, 73000, 73001, 73002, 73003, 73635, Permit 76356/Certificate 21375, Permit 76736/Certificate 21376, Permit 76737/Certificate 21377, Permits 77079, 81506, 81713 and 87043 shall not exceed 1,908.17 afa.

POD PARCEL:	Churchill County APN 010-592-32
POD PARCEL OWNER:	Churchill County
POU PARCEL:	Churchill County APN Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

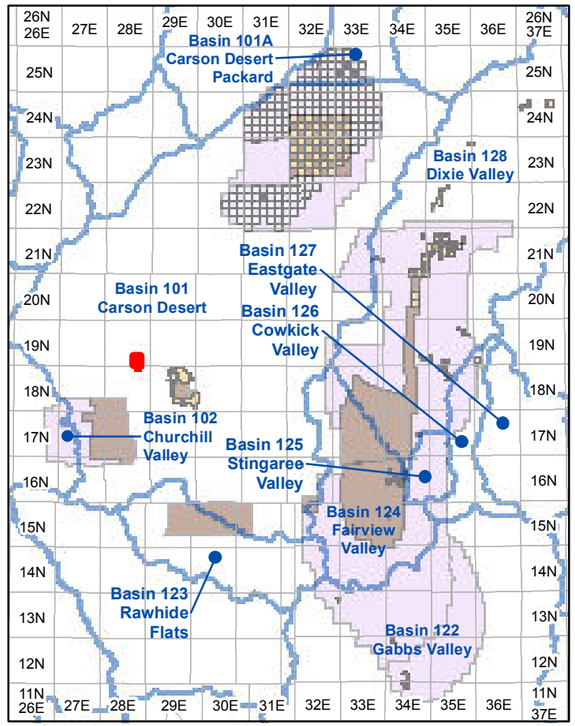
Permit 87043

The current owner of Permit 87043 is Churchill County. The permit was approved by the State Engineer on May 30, 2018. It has a priority date of June 12, 1987 and a total duty of 7.18 acre-feet annually with an allowed diversion rate of 0.01 CFS. The permitted manner of use is for municipal purposes. The allowed period of use is from January 1 through December 31.

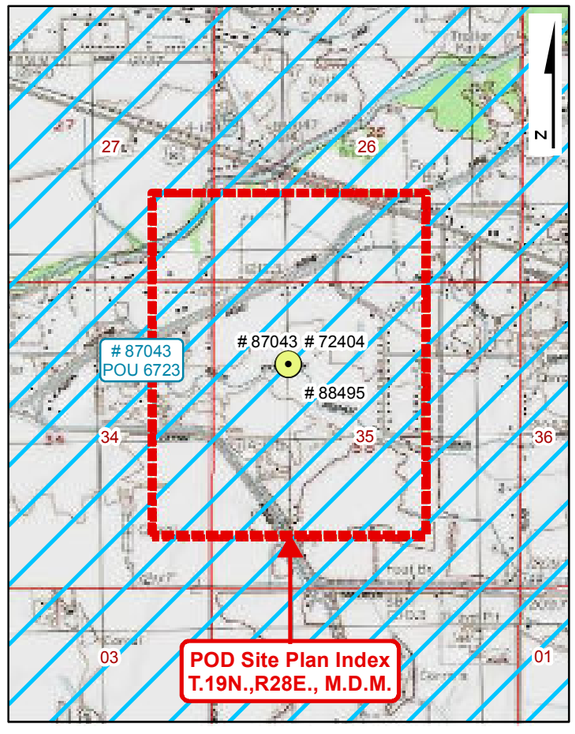
The point of diversion is located within the SW¼NW¼ Section 35, Township 19N, Range 28E, MDM. The permitted place of use is in the Carson Desert Basin within Churchill County and is more specifically listed in the table below.

Section(s)	Township	Range
1- 4, E½5, E⅛8, 9-16, E½17, E½20, 21-28, E½29, E½32, 33-36	20N	26E
All Sections	20N	27E
All Sections	20N	28E
All Sections	20N	29E
All Sections	20N	30E
All Sections	20N	31E
W½4, 5-8, W½9, W½ & S½16, 17-21, 29-30	20N	32E
1- 4, E½5, E⅛8, 9-36	19N	26E
All Sections	19N	27E
All Sections	19N	28E
All Sections	19N	29E
All Sections	19N	30E
2-11, 14-22, 27-33	19N	31E
1-30, 32-36	18N	26E
All Sections	18N	27E
All Sections	18N	28E
All Sections	18N	29E
All Sections	18N	30E
W½4, 5-8, W½9, W½16, 17-20, W½21, W½28, 29-32, W½33	18N	31E
1-3, 10-15, 21-28, 33-36	17N	28E
All Sections	17N	29E
All Sections	17N	30E

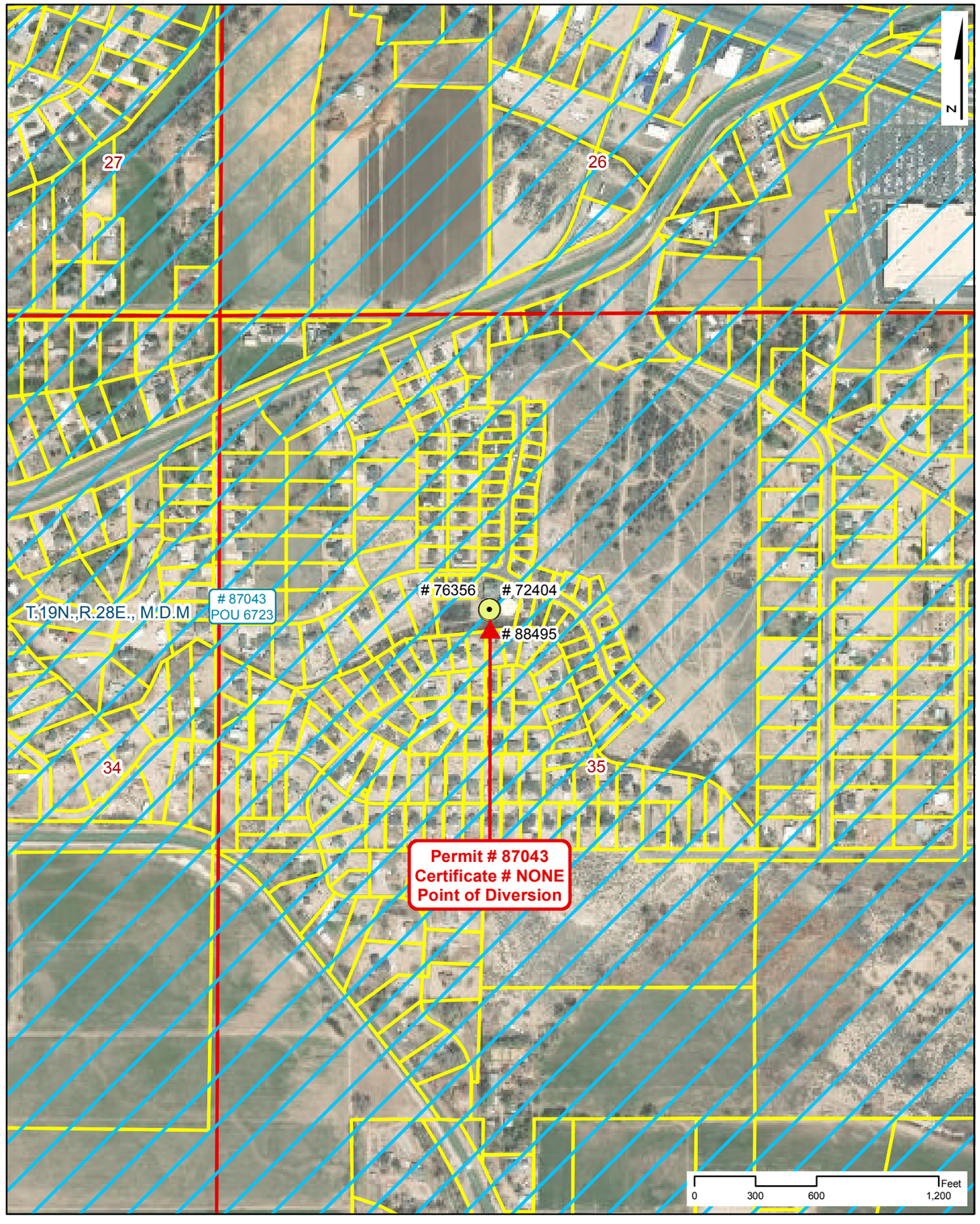
The Proof of Beneficial Use for Permit 87043 has a due date of May 30, 2021.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87043 **CERTIFICATE: NONE**

BASIN: Carson Desert (101) **COUNTY: Churchill**
LATITUDE: 39.470777 **LONGITUDE: -118.814435**
POINT OF DIVERSION: **SW1/4,NW1/4, Section 35, T.19N.,R28E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **6723**
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Churchill County

PRIORITY DATE: **6/12/1987**
PERMIT DATE: **5/30/2018**
CERTIFICATE DATE:
DUE DATE: **PBU - 05/30/2021**

USE UNITS

SOURCE DESCRIPTION: **Underground**
MANNER OF USE: **Municipal**
DIVERSION RATE: **0.01 CFS**
ALLOWED DUTY: **7.180 AFA**
PERIOD OF USE: **01/01-12/31**

GIS PARCEL DATA

A.P.N. 010-592-32, CHURCHILL COUNTY
CHURCHILL COUNTY

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

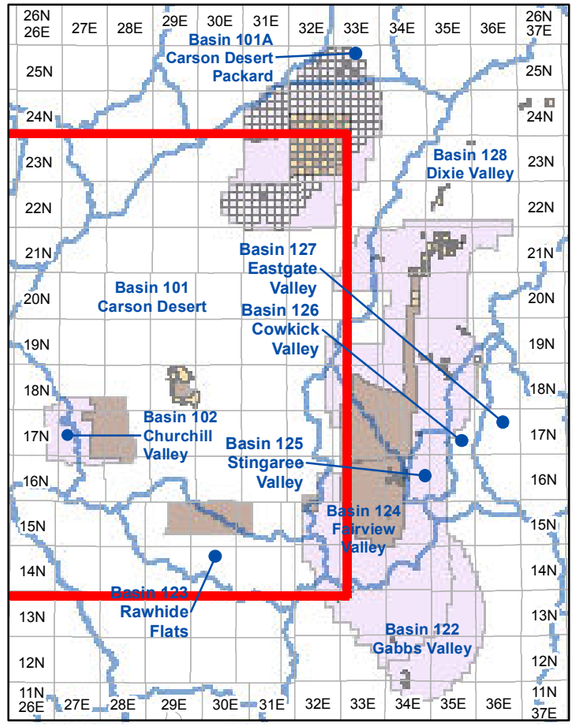
PERMIT: 87043
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd =- GIS Specilist: Eric Herron =- Publication Date: 10/5/2019 11:14:25 AM

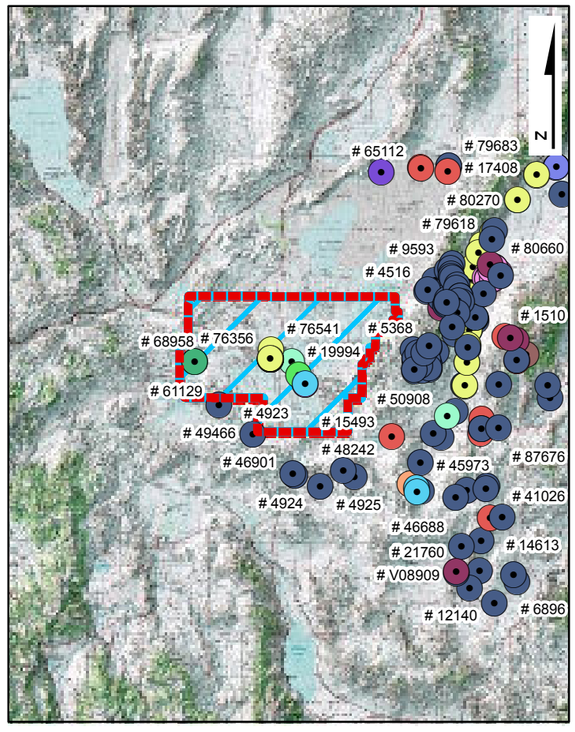
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

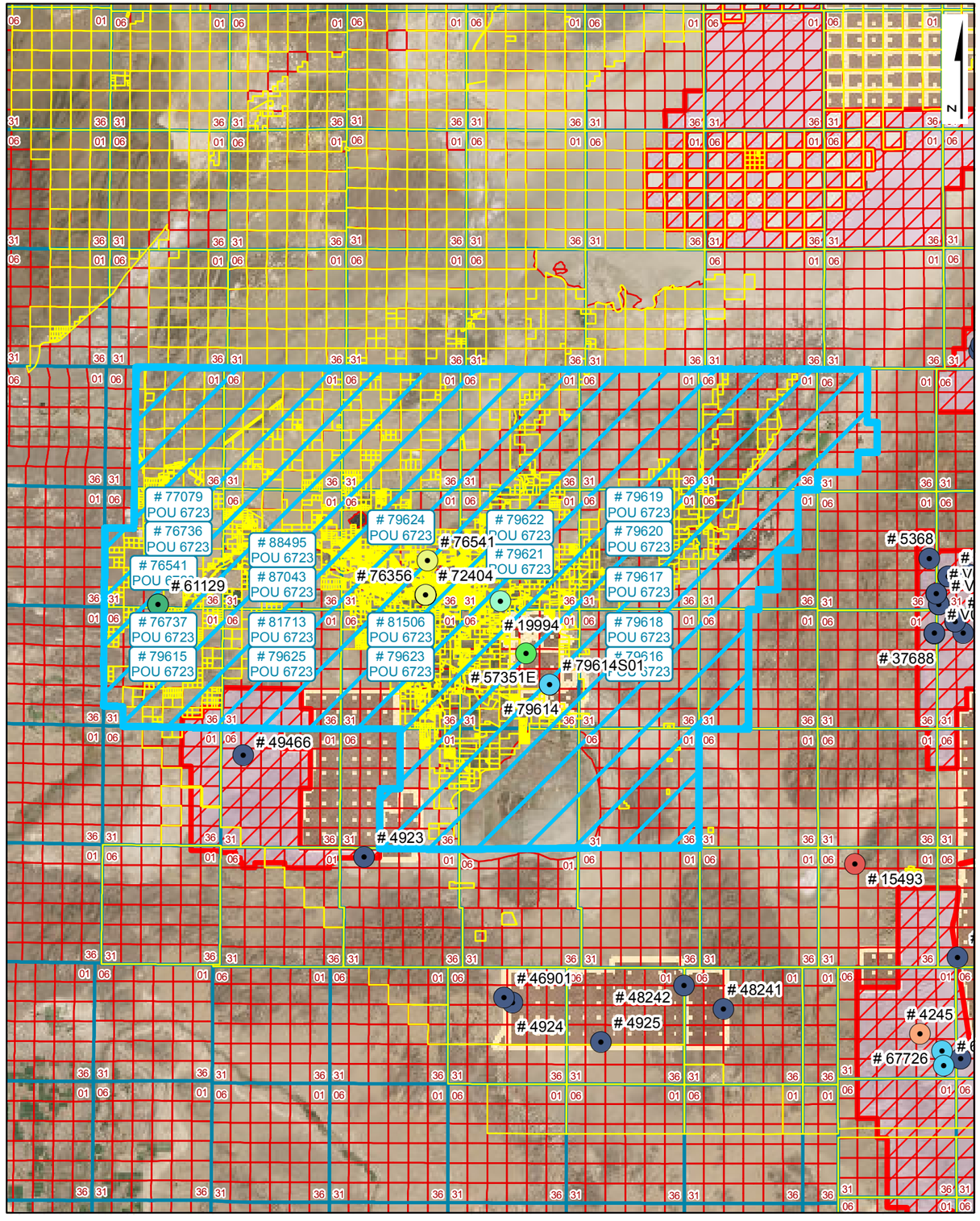
WATER RIGHT: 87043 **DWR POLYGON ID: 6723**



Township and Range Index



USGS Quadmap Site Plan Index



Place of Use Site Plan

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

WATER RIGHT: 87043
DWR POLYGON ID: 6723

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd =- GIS Specilist: Eric Herron =- Publication Date: 10/5/2019 12:05:21 PM

Permit No. 87043

THE STATE OF NEVADA

PERMIT TO CHANGE THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

Name of Permittee:	**ALFRED E. VALVERDE AND GLENN R. BROWN**
Source:	**UNDERGROUND**
Basin:	**CARSON DESERT**
Manner of Use:	**MUNICIPAL**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**06/12/1987**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit, to change the point of diversion, place and manner of use of the waters of an underground source as heretofore granted under Permit 51020, Certificate 12233, is issued subject to the terms and conditions imposed in said Permit 51020, Certificate 12233 and with the understanding that no other rights on the source will be affected by the change proposed herein. This well shall be equipped with a two (2) inch opening for measuring depth to water. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meter must be installed before any use of the water begins or before the proof of completion of work is filed. If the well is flowing, a valve must be installed and maintained to prevent waste. This source is located within an area designated by the State Engineer pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

Any well drilled under this permit shall be drilled in what has been described in the United States Geological Survey Water Supply Paper 2263 as the intermediate alluvial aquifer. In no instance shall the seal on this well be less than 100 feet below ground level

Pursuant to NRS 534.110(3), monthly records shall be kept of the effect of pumping this well on other previously existing wells that are located within 2,500 feet of this well and reported to the State Engineer on an annual basis by February 15th of the following year. Any pumping of water in this well may be limited or prohibited to prevent any unreasonable adverse effects on an existing domestic well located within 2,500 feet of this well, unless the holder of this permit and the owner of the domestic well have agreed to alternative measures that mitigate adverse effects.

If any water under this permit is cancelled or any water is not put to beneficial use, it will revert to the groundwater source and not back to the base water right.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

(Continued on Page 2)

The point of diversion and place of use are as described on the submitted application to support this permit.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **and not to exceed 0.01 cubic feet per second or 7.18 acre-feet annually.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **May 30 2019**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **May 30 2021**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, JASON KING, P.E.,

State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 30th day of **May, 2018**

J. K. P.E.

State Engineer

STATE OF NEVADA

Application No. **87043**

APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

THIS SPACE FOR OFFICE USE ONLY

Date of filing in State Engineer's Office MAR 3 1 2017

Returned to applicant for correction

Corrected application filed Map filed Mar. 23, 2005 Under 72404

The applicant Valverde, Alfred E. & Glenn R. Brown

755 Rutherford Cr. (Street Address or PO Box) of Brentwood (City or Town)

CA 94513 (State and ZIP Code) valverde@sbcglobal.net (E-mail Address)

hereby make(s) application for permission to change the

☑ Point of diversion ☑ Place of use ☑ Manner of use ☐ of a portion

of water heretofore appropriated under (Identify existing rights by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)

Permit 51020, Certificate 12233

1. The source of water is Underground
   Name of stream, lake, underground, spring or other sources.

2. The amount of water to be changed 0.01 cfs, not to exceed 2.341 MGA
   Second feet, acre-feet. One second foot equals 448.83 gallons per minute.

3. The water to be used for Municipal
   Irrigation, power, mining, commercial, etc. If for stock, state number and kind of animals. Must limit to one major use

4. The water heretofore used for Quasi-municipal
   If for stock, state number and kind of animals.

5. The water is to be diverted at the following point (Describe as being within a 40-acre subdivision of public survey and by course and distance to a found section corner. If on unsurveyed land, it should be stated)

SW1/4 NW1/4 Section 35, T.19N., R.28E., M.D.B.&M. or at a point from which the NW Corner of said Section 35 bears N. 42 degrees 50' 39" W. a distance of 1,973.0 feet. See map accompanying Permit 72404 for proposed POD at Churchill County's Sandcreek municipal well.

6. The existing point of diversion is located within (If point of diversion is not changed, do not answer.)

SW1/4 SE1/4 Section 26, T.19N., R.28E., M.D.B.&M. or at a point from which the S1/4 Corner of said Section 26 bears S. 0 degrees, 55' 18" W. a distance of 959.09 feet. See map accompanying Permit 51020 for existing POD serving the Casey Road mobile home park, PWS#0059.

8-10
ch

7. Proposed place of use (Describe by legal subdivisions. If for irrigation, state number of acres to be irrigated.)

See Exhibit "A". Refer to sheet 3 of 3 map accompanying permit 76541 for depiction of Churchill County's municipal place of use. Water under this change application will be used to satisfy the the will serve requirement for the Casey Road MHP consisting of 6 connections located on APN 008-361-11.

8. Existing place of use (Describe by legal subdivisions. If changing place of use and/or manner of use of irrigation permit, describe acreage to be removed from irrigation.)

1.87 acres within portions of SE1/4 SW1/4 & SW1/4 SE1/4 of Section 26, T.19N., R.28E. M.D.B.&M. (APN 008-361-11). See map filed under 51020 for existing POU.

9. Proposed use will be from January 1 (Month and Day) to December 31 (Month and Day) of each year.

10. Existing use permitted from January 1 (Month and Day) to December 31 (Month and Day) of each year.

11. Description of proposed works. (Under the provision of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e., diversion structure, ditches, pipes and flumes or drilled well, pump and motor, etc.)

Existing Churchill County Sandcreek municipal well, treatment system, tanks, pumps & distribution system.

12. Estimated cost of works Complete

13. Estimated time required to construct works Complete
(If well completed, describe well.)

14. Estimated time required to complete the application of water to beneficial use 3 years

15. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

The Casey Road MHP (PWS#0059) has had a number of coliform & loss of pressure violations requiring boil water notices from NDEP. Churchill County has secured funding through the NDEP Clean Water State Revolving Fund (CWSRF) & will be connecting the MHP to their municipal water & sewer system within the next 30-45 days. This water right will be conveyed to Churchill County to satisfy the MHP will serve requirement.

16. Miscellaneous remarks:

Existing well will be abandoned by Parsons Drilling within 60 days following connection to Churchill County's municipal system. This application has been discussed with Mike Randall in a tel-con on 3/29/17.

chris@mah2o.com
E-mail Address

775-323-1804 Ext.
Phone No.

APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT

Chris C. Mahannah, P.E., SWRS # 976 - Agent
Type or print name clearly

Signature, applicant or agent

Mahannah & Associates, LLC
Company Name

P.O. Box 2494
Street Address or PO Box

Reno, NV 89505
City, State, ZIP Code

Revised 07/16

$240 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

87043

Exhibit "A" - Proposed Place of Use

TWN	RNG	Sections
20N	26E	1-4, E½ 5, E½ 8, 9-16, E½ 17, E½ 20, 21-28, E½ 29, E½ 32, 33-36
20N	27E	1-36
20N	28E	1-36
20N	29E	1-36
20N	30E	1-36
20N	31E	1-36
20N	32E	W½ 4, 5-8, W½ 9, W½ & S½ 16, 17-21, 29, 30
19N	26E	1-4, E½ 5, E½ 8, 9-36
19N	27E	1-36
19N	28E	1-36
19N	29E	1-36
19N	30E	1-36
19N	31E	2-11, 14-22, 27-33
18N	26E	1-30, 32-36
18N	27E	1-36
18N	28E	1-36
18N	29E	1-36
18N	30E	1-36
18N	31E	W½ 4, 5-8, W½ 9, W½ 16, 17-20, W½ 21, W½ 28, 29-32, W½ 33
17N	28E	1-3, 10-15, 21-28, 33-36
17N	29E	1-36
17N	30E	1-36

SECTIONS 35, T. 19N., R. 28E. , M.D.B. & M.

SHEET 1 OF 1.



N
W E
S

STATE OF NEVADA)
) SS
COUNTY OF WASHOE)

I, CHRIS C. MAHANNAH, P.E., BEING FIRST DULY SWORN, DEPOSE AND SAY THAT SITE INSPECTIONS HAVE BEEN MADE BY ME ON MARCH 1, 2005; THAT THE LOCATION OF EACH REFERENCE MONUMENT HAS BEEN VERIFIED BY SITE INSPECTION; THAT THE POINT OF DIVERSION AND PLACE OF USE SITE HAS BEEN INSPECTED; THAT THIS MAP CONSISTING OF ONE SHEET HAS BEEN DRAWN TO THE DESIGNATED SCALE; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY, NEVADA BY **CHURCHILL COUNTY** FOR **MUNICIPAL PURPOSES**. THAT THE POINT OF DIVERSION, THE APPROXIMATE LOCATION AND SIZE OF THE DIVERTING CHANNEL OR OTHER CONDUIT AND THE LOCATION AND NAMES OF ALL OTHER WORKS OR STREAMS WHICH ARE CROSSED BY, OR CONNECTED WITH THE SAID WORKS, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

REGISTERED ENGINEER · STATE OF NEVADA · CHRIS C. MAHANNAH · CIVIL · No. 10985

3/23/05

CHRIS C. MAHANNAH, P.E., S.W.R.S. #976

SUBSCRIBED AND SWORN TO BEFORE ME THIS 23rd DAY OF March, 2005.

Bonnie Kordonowy

BONNIE KORDONOWY
NOTARY PUBLIC - NEVADA
Appt. Recorded in LYON CO.
No 94-3648-12 My Appt. Exp. July 16, 2006

NOTARY PUBLIC IN AND FOR Lyon COUNTY, NEVADA

MY COMMISSION EXPIRES: July 16, 2006.

BASE MAPS:
6 INCH RESOLUTION AERIAL
PHOTOGRAPHS ACQUIRED MAY, 2002

BASIS OF BEARING

EAST ALONG THE NORTH LINE OF NW 1/4 OF SECTION 35, T.19N., R.28E., M.D.B.&M. AS PER BLM PLAT

0 250 500 1,000 1,500 2,000 Feet

SCALE: 1 inch equals 400 '

NOTE: FOR PROPOSED PLACE OF USE, SEE MAP FILED UNDER SHEET 2 OF 2 OF APPLICATION 49200

76356 CERTIFICATE NO. 21375 ISSUED 5-22-2019
76736 CERTIFICATE NO. 21376 ISSUED 5-22-2019
76737 CERTIFICATE NO. 21377 ISSUED 5-22-2019

WRDD WATER RESEARCH & DEVELOPMENT, INC.
P.O. BOX 5007 * RENO, NV 89513-5007 * (775) 747-1100
ENGINEERING * HYDROLOGY * ENVIRONMENT * AGRICULTURE

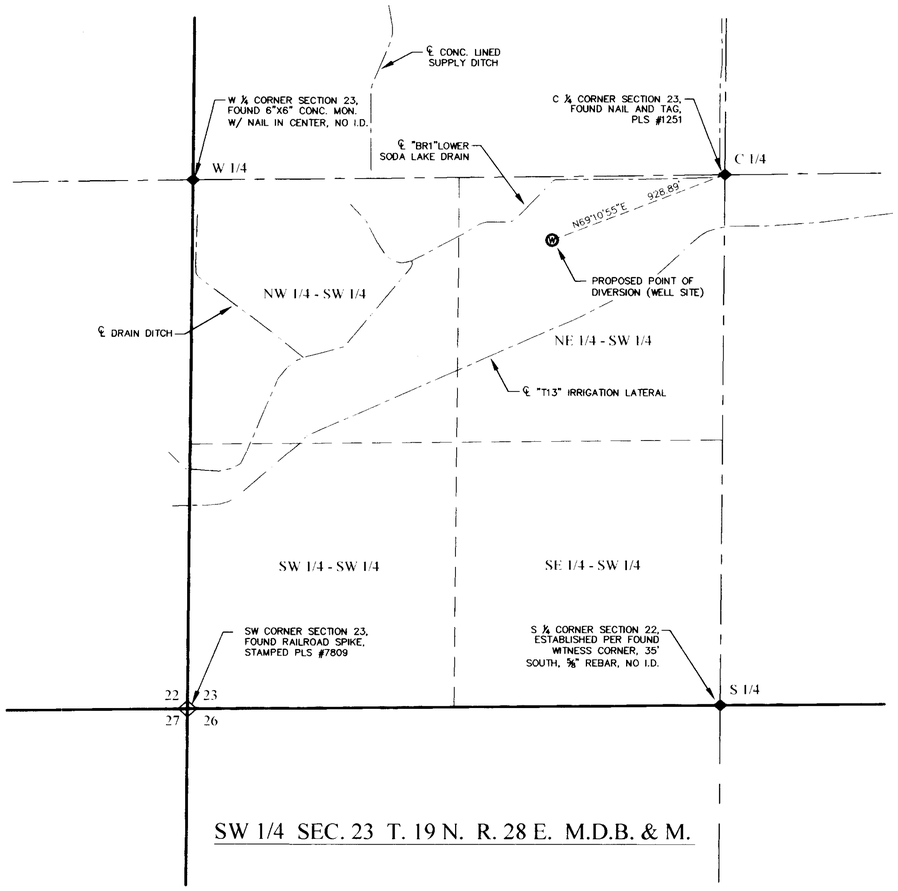
STATE ENGINEER'S USE

FILED
MAR 23 2005
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO CHANGE THE POINT OF DIVERSION, PLACE OF USE AND MANNER OF USE OF
A PORTION OF PERMIT 60109, CERTIFICATE 15967
FOR:
MUNICIPAL PURPOSES
BY:
CHURCHILL COUNTY
FROM:
AN UNDERGROUND SOURCE

CHURCHILL COUNTY, NEVADA

88495
87043
86358
86359T
83812
83225
81713
81506
80349 80516 78687 78686 78668 77079 77064 77063 76737 76736 76356 73695 73003 73002 73001 73000 72404



SW 1/4 SEC. 23 T. 19 N. R. 28 E. M.D.B. & M.

STATE OF NEVADA
COUNTY OF CHURCHILL } S.S.

I, ERIK K. LEE, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE BY ME ON THE *17th* DAY OF *DECEMBER* 2007. THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY BY DONALD D. CARBAUGH AND DIANN CARBAUGH, FOR MUNICIPAL PURPOSES. THAT THE PROPOSED POINT OF DIVERSION AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40 ACRE SUBDIVISIONS, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Erik K. Lee — 12-19-07

STATE WATER RIGHT SURVEYOR — DATE
CERTIFICATE NO. 1169

PROFESSIONAL ENGINEER - STATE OF NEVADA
ERIK K. LEE
Exp: 12/31/07
CIVIL
No. 17078

SUBSCRIBED AND SWORN TO BEFORE ME

THIS 19th DAY OF December, 2007.

NOTARY PUBLIC

NOTARY PUBLIC IN AND FOR CHURCHILL COUNTY, NEVADA

MY COMMISSION EXPIRES April 9th, 2010

MELISSA K. MAIDENS
Notary Public State of Nevada
Appointment Recorded in Churchill County
No. 02-74751-4 Expires April 9, 2010

LEGEND

- PROPOSED WELL
- RANGE BOUNDARY
- SECTION BOUNDARY
- 1/4 SECTION BOUNDARY
- 1/16 SECTION BOUNDARY
- FOUND SECTION CORNER
- FOUND 1/4 CORNER

BASIS OF BEARING

NORTH AMERICAN DATUM OF 1983/94 (NAD83/94), NEVADA STATE PLANE WEST ZONE. AS DETERMINED WITH REAL TIME KINEMATIC (RTK) GPS OBSERVATIONS, OBSERVED ON DECEMBER 17, 2007, USING TRIMBLE 5800 RECEIVER WITH CORRECTIONS FROM THE NEVADA DEPARTMENT OF TRANSPORTATION "FLN1" CONTINUOUSLY OPERATING REFERENCE STATION (CORS), BEING APART OF THE NORTHERN NEVADA REGIONAL MAPPING NETWORK. MODIFIED BY A COMBINATION FACTOR OF 1.000269448 AND CONVERTED TO THE U.S. SURVEY FOOT. ALL DIMENSIONS ARE GROUND DISTANCES.

GRAPHIC SCALE
400 0 200 400 800
(IN FEET)
1 inch = 400 ft.

N

TRC

Planners - Engineers - Surveyors

RENO OFFICE:
4875 LONGLEY LANE, SUITE 100
RENO, NEVADA 89502
PHONE (775) 322-3064
FAX (775) 322-3795

FALLON OFFICE:
2260 RENO HIGHWAY, SUITE C
FALLON, NEVADA 89406
PHONE (775) 423-4053
FAX (775) 423-4345

STATE ENGINEER'S USE

76541

REC
12-28-07
Consists of 3 sheets
Sheet #1 Proposed POD by Erik Lee
- Sheet #2 Existing POD and POU by Chris Mahannah
Sheet #3 Proposed POU by Chris Mahannah

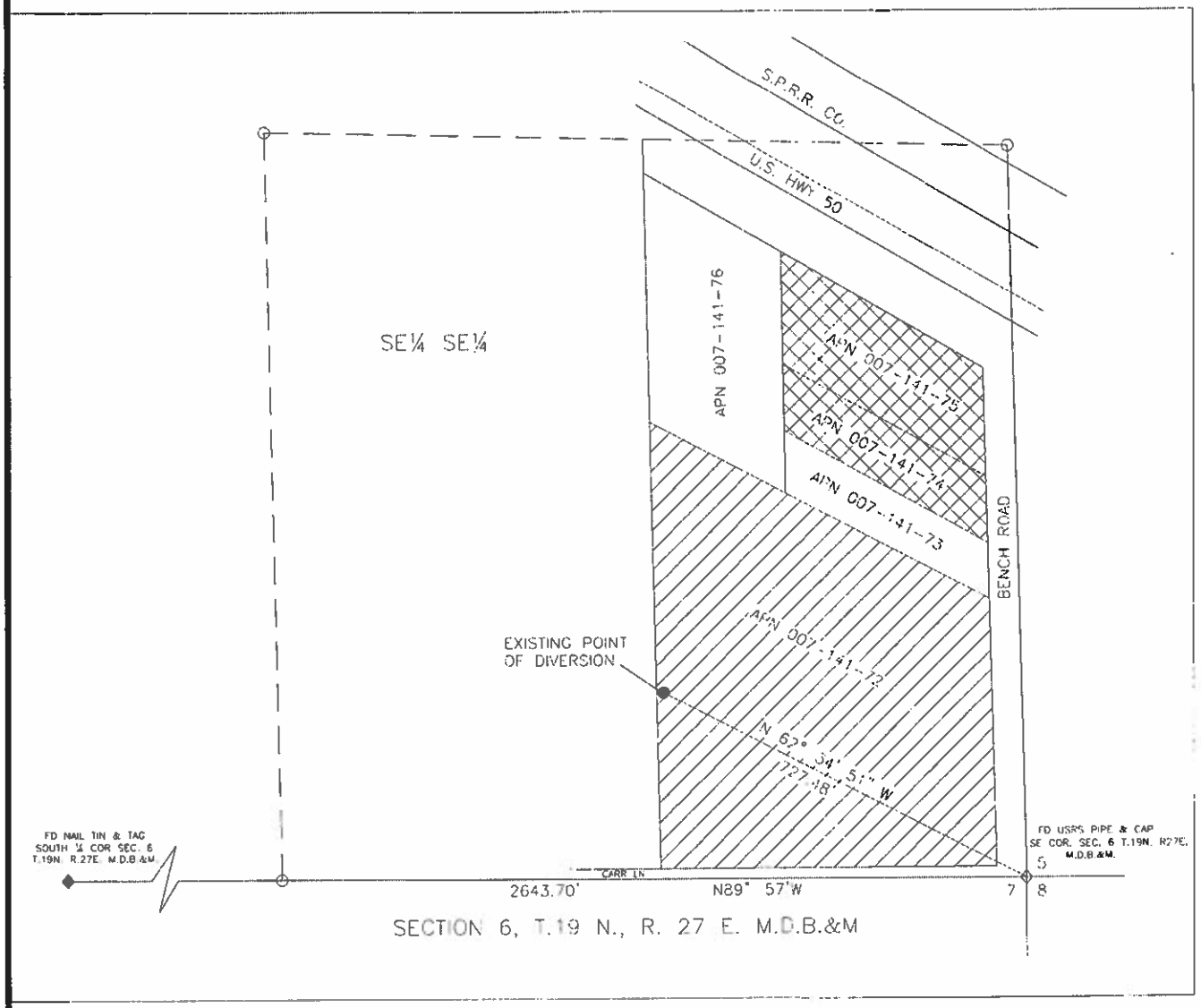
FILED
DEC 28 2007
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO CHANGE POINT OF DIVERSION, PLACE OF USE, AND MANNER OF USE, OF A PORTION OF PERMIT NO. 31187, CERTIFICATE NO. 10707, FOR MUNICIPAL PURPOSES

(S)

FOR: MUNICIPAL
BY: DONALD D. CARBAUGH AND DIANN CARBAUGH
FROM: AN UNDERGROUND SOURCE
IN: CHURCHILL COUNTY, NEVADA

76541



STATE OF NEVADA
COUNTY OF WASHOE } SS

I, CHRIS C. MAHANNAH, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS APPLICATION STRIPPING MAP AND PROPOSED PLACE OF USE, CONSISTING OF TWO SHEETS, NUMBERED SHEET 1 OF 2 & SHEET 2 OF 2, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM SURVEYING CALCULATION NOTES PREPARED BY ME, OR UNDER MY SUPERVISION AND DIRECTION RELYING UPON ANALYSIS OF RECORDED SURVEY MAPS AND OTHER RECORDED SURVEYING DOCUMENTS IN THE OFFICE OF THE STATE ENGINEER, THAT IT TRULY AND CORRECTLY REPRESENTS: AREAS BEING REMOVED FROM IRRIGATION UNDER A PORTION OF PERMIT 31187, CERTIFICATE 10707, THE EXISTING POINT OF DIVERSION AND THE PROPOSED POINT OF USE FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY, NEVADA BY DONALD D. & DIANN CARRBAUGH FOR MUNICIPAL PURPOSES.

12/19/07

CHRIS C. MAHANNAH P.E. & PLS #975 DATE

Exp 12/31/07

SUBSCRIBED AND SWORN TO BE BEFORE ME THIS 19 DAY OF December 2007 NOTARY PUBLIC IN AND FOR WASHOE COUNTY, NEVADA.

MY COMMISSION EXPIRES: April 19, 2010

Brittni Christiansen
NOTARY PUBLIC

BASIS OF BEARING
N89° 57' W ON THE SOUTH LINE
SECTION 6, T.19N. R.27E. M.D.B.&M

NOTES:

1. SHEET 1 OF 2 IS BASED ON PROOF OF BENEFICIAL USE MAP ON FILE AT THE DIVISION OF WATER RESOURCES UNDER PERMIT 31187.
2. MAP SUPPORTING PROPOSED POINT OF DIVERSION WILL BE PREPARED BY ERIC LEE, SWRS #1169 OF TRC SOLUTIONS, 2250 RENO HWY., SUITE C, FALLON, NV 89406

(IN FEET)
1 INCH=100 FEET

LEGEND :

8.60 ACRES STRIPPED UNDER PERMIT 66422

2.58 ACRES TO BE STRIPPED UNDER THIS APPLICATION*

*APN's 007-141-74 & 007-141-75 total 2.67 ac. Refer to notes and proportionment calculations on colored PBU map & letter dated 5/4/04 in permit file 31187 which reduced water righted acres on these two APN's from 2.67 to 2.58 acres

MAHANNAH & ASSOCIATES, LLC
P.O. BOX 2494
Reno, NV 89505
(775) 323-1504

STATE ENGINEER'S USE

Consists of 3 sheets
Sheet #1 Proposed PCD by Erik Lee
Sheet #2 Existing PCD and PCD by Chris Mahannah
Sheet #3 Proposed PCD by Chris Mahannah

FILED DEC 28 2007

STRIPPING MAP TO ACCOMPANY APPLICATION TO CHANGE THE POINT OF DIVERSION, PLACE OF USE & MANNER OF USE OF A PORTION OF PERMIT 31187, CERTIFICATE 10707 FROM IRRIGATION TO MUNICIPAL USE

BY : DONALD D. CARBAUGH & DIANN CARBBAUGH

FROM : AN UNDERGROUND SOURCE

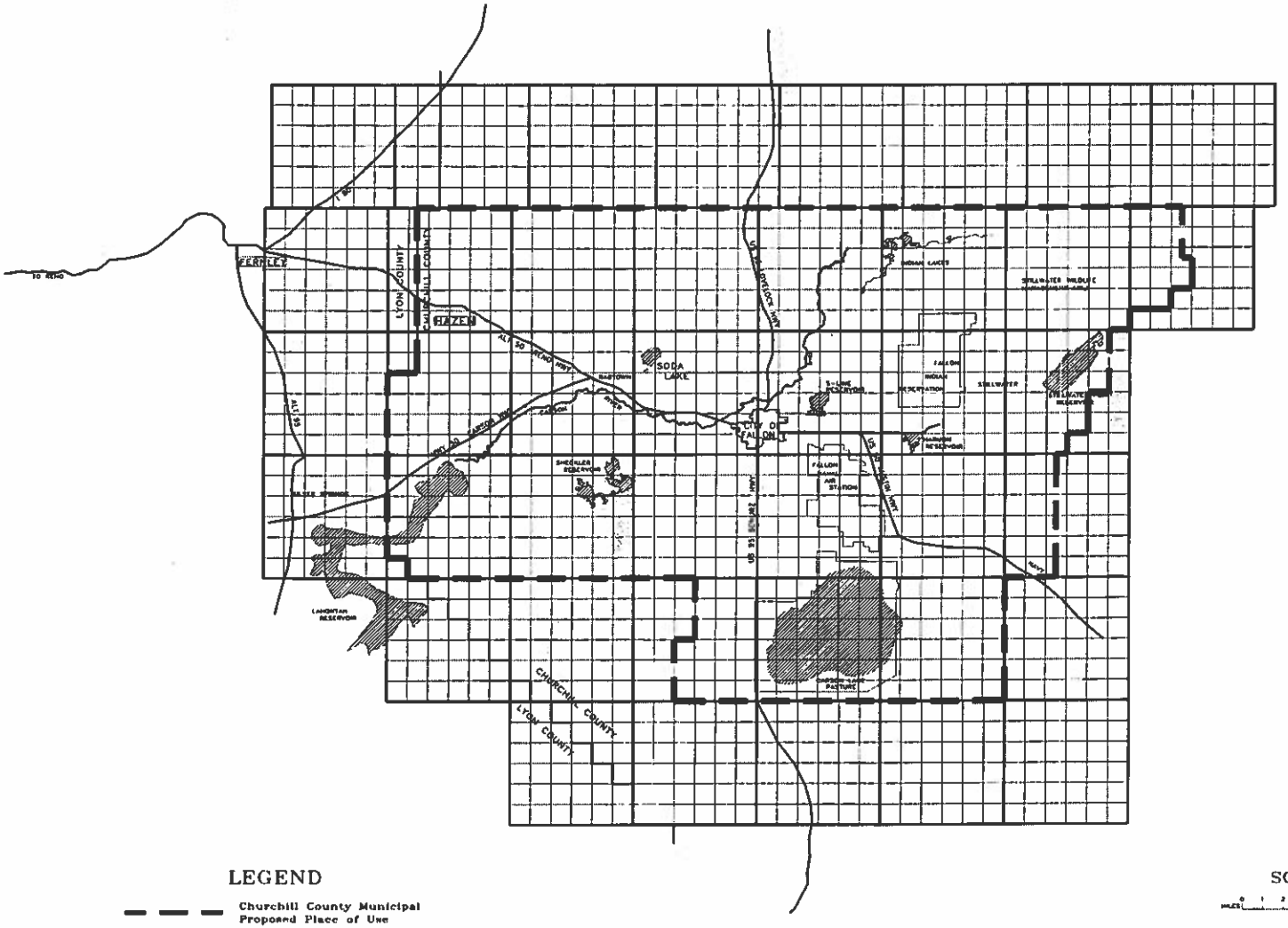
IN : CHURCHILL COUNTY, NV

76541

SHEET 2 OF 2

R23E | R24E | R25E | R26E | R27E | R28E | R29E | R30E | R31E | R32E

T22N | T21N | T20N | T19N | T18N | T17N | T16N | T15N



LEGEND

Churchill County Municipal Proposed Place of Use

N

SCALE

MILES 0 1 2 3 4 5 6

MAHANNAH & ASSOCIATES, LLC
P.O. BOX 2494
RENO, Nv 89505
(775) 323-1804

STATE ENGINEER'S USE

REC.
11-19-07
Consists of 3 sheets
Sheet #1 Prepared POD by Kirk Lee.
Sheet #2 Existing POD and POU by Chris Mahannah
Sheet #3 Proposed POU by Chris Mahannah

FILED
NOV 28 2007
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO CHANGE THE POINT OF DIVERSION, PLACE OF USE & MANNER OF USE OF A PORTION OF PERMIT 31187, CERTIFICATE 10707 FROM IRRIGATION TO MUNICIPAL USE

BY: DONALD D. CARBAUGH & DIANN CARBAUGH

FROM: AN UNDERGROUND SOURCE

IN: CHURCHILL COUNTY, NV

81713
81506
80349
79627
79626 79625 79624 79623 79622 79621 79620 79619 79618 79617 79616 79615 78687 78686 78668 77079 76737 76736 76541

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 87043
Status: PERMIT
Certificate: None

General Maps & Due Dates Place of Use Abrogations/Protests/Rulings Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CHURCHILL COUNTY	C	0.01	7.18	0				

Confirmed By: SC
Effective Date: 6/12/2019

Original Owners

Owner
BROWN, GLENN R.
VALVERDE, ALFRED E.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Permit 87619

BASIN: Stingaree Valley (125) **COUNTY:** Churchill

LATITUDE: 39.288706 **LONGITUDE:** -118.1095

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	1/29/2018
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	SW¼SW¼ Section 36, T.17N., R.34E., M.D.M.
MANNER OF USE:	STK
PLACE OF USE:	Dixie Valley Grazing Allotment – See following table
DIVERSION RATE:	0.17 cfs
ALLOWED DUTY:	11.96 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATES:	POC due 05/29/2020
	PBU due 05/29/2021
REMARKS:	Chalk Mountain Well

POD PARCEL:	Churchill County APN 002-771-06
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Permit 87619

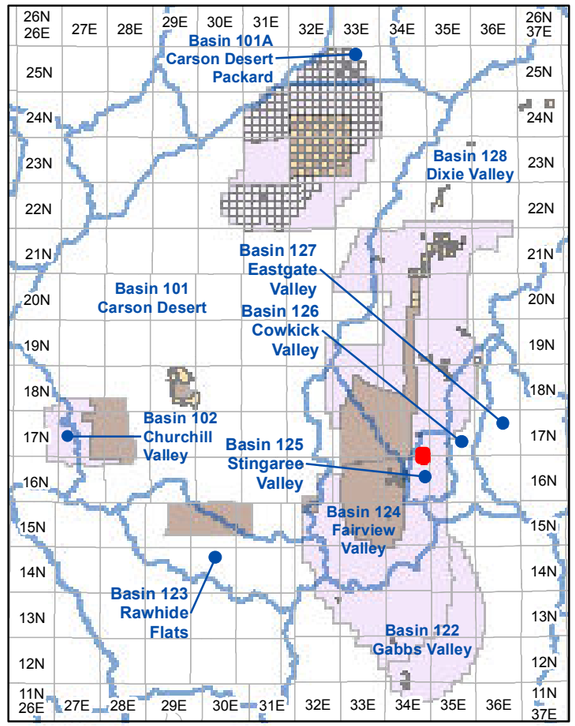
The current owner of Permit 87619 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on May 29, 2019. It has a priority date of January 29, 2018 with an allowed diversion rate of 0.017 CFS. The permitted manner of use is for stock-watering purposes. The total combined duty of water under Permit 87619 and 87676 shall not exceed 11.96 acre-feet annually. The allowed period of use is from January 1 through December 31.

The point of diversion is located within the SW¼SW¼ Section 36, Township 17N, Range 34E, MDM. The permitted place of use includes the entire Dixie Creek Allotment within Churchill County and is more specifically listed in the following table.

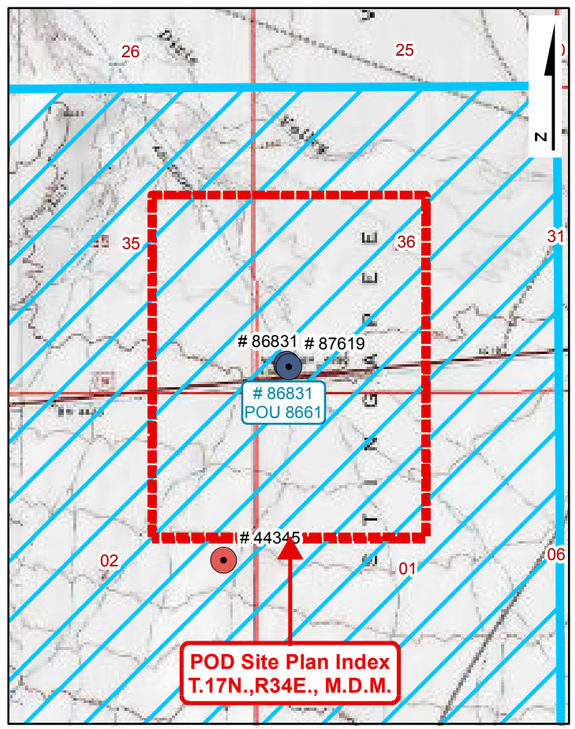
The Proof of Completion for Permit 87619 has a due date of May 29, 2020. The Proof Beneficial Use has a due date of May 29, 2021.

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

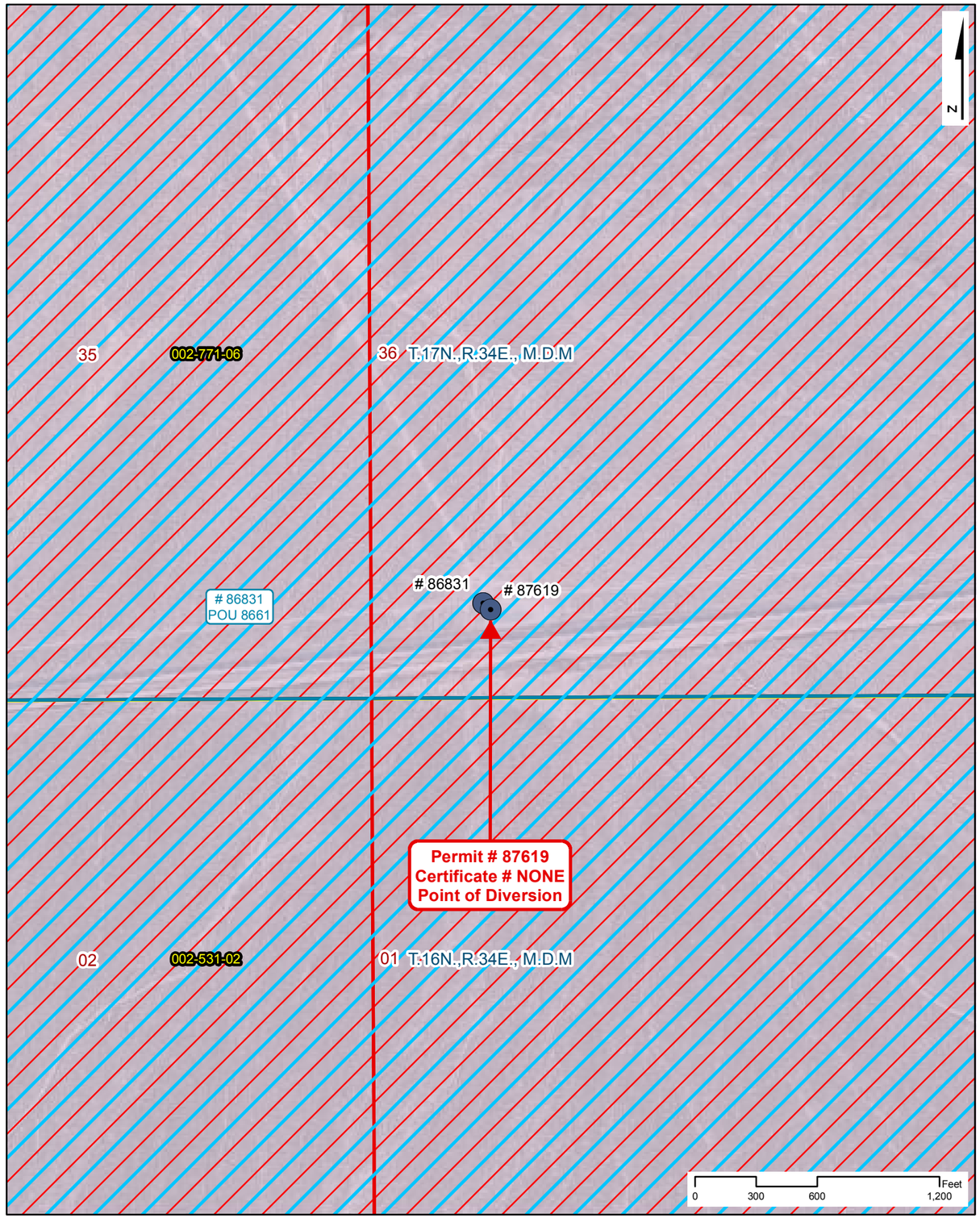
Section(s) *Portion	Township	Range
14*, 15*, 21*, 22, 23*, 24*, 25*, 26, 27, 28*, 29*, 32*, 33, 34, 35, 36*	23N	34E
24*, 25*, 35*, 36*	22N	33E
1,2,3,4*, 8*, 9*, 10, 11, 12, 13, 14, 15, 16, 17*, 18*, 19*, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	22N	34E
6*, 7*, 18*, 19*, 20*, 29, 30, 31, 32	22N	35E
1, 2*, 10*, 11*, 12, 13, 14*, 23*, 24, 25, 26*, 35*, 36*	21N	33E
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 , 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31*, 32*, 33, 34, 35, 36	21N	34E
5, 6, 7, 8, 17, 18, 19, 20, 30, 31	21N	35E
36*	20N	33½E
1, 2, 3, 4, 5*, 6*, 7*, 8, 9, 10, 11 , 12, 13, 14, 15, 16, 17, 18*, 19*, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30*, 31*, 32, 33, 34, 35, 36	20N	34E
2*, 3, 4, 5, 6, 7, 8, 9, 10, 11*, 12*, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	20N	35E
7*, 16*, 17*, 18*, 19, 20, 21*, 28*, 29, 30, 31, 32, 33*	20N	36E
1*, 12*, 13*	19N	33½E
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 , 12, 13, 14, 15, 16, 17, 18*, 20*, 21*, 22, 23, 24, 25, 26, 27*, 28*, 29, 30, 31, 32, 33, 34*, 35, 36	19N	34E
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 , 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	19N	35E
3*, 4*, 5, 6, 7, 8, 9, 10*, 14*, 15*, 16, 17, 18, 19, 20, 21, 22, 23*, 26*, 27, 28, 29, 30, 31, 32, 33, 34, 35*, 36*	19N	36E
1, 2, 3, 4*, 9*, 10, 11, 12, 13, 14, 15, 16*, 21*, 22, 23, 24, 25, 26, 27, 28*, 33*, 34, 35, 36	18N	34E
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 , 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	18N	35E
1*, 2*, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12*, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	18N	36E
7*, 18*, 19*, 20*, 29*, 30*, 31*	18N	37E
1, 2, 3, 4*, 9*, 10, 11, 12, 13, 14, 15*, 16*, 22*, 23, 24, 25, 26, 27*, 28*, 33*, 34, 35, 36	17N	34E
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 23, 24, 25, 26, 27, 6, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 3, 32, 33, 34*, 35*, 36*	17N	35E
1*, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11*, 12*, 14*, 15*, 16, 17, 18, 19, 20, 21*, 22*, 28*, 29*, 30, 31*, 32*	17N	36E
6*	17N	37E
1*, 2*, 3*, 4*, 5*	16N	34E
3*, 4*, 5*, 6*	16N	35E



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87619 **CERTIFICATE: NONE**

BASIN: Stingaree Valley (125) **COUNTY: Churchill**
LATITUDE: 39.288706 **LONGITUDE: -118.1095**
POINT OF DIVERSION: **SW1/4,SW1/4, Section 36, T.17N.,R34E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **N/A**
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Bench Creek Ranch Co., LLC

PRIORITY DATE: **1/29/2018**
PERMIT DATE: **5/29/2018**
CERTIFICATE DATE:
DUE DATE: **POC - 05/29/20; PBU - 05/29/21**

USE UNITS

533 Cattle

SOURCE DESCRIPTION: **Underground**
MANNER OF USE: **Stock-Watering**
DIVERSION RATE: **0.016 CFS**
ALLOWED DUTY: **11.950 AFA**
PERIOD OF USE: **01/01-12/31**

GIS PARCEL DATA

A.P.N. 002-771-06, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

PERMIT: 87619
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:48:34 AM

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC.**
Source:	**UNDERGROUND (CHALK MTN WELL)**
Basin:	**STINGAREE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**01/29/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. It is further understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to any other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. This source is located within an area designated by the State Engineer pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Permits 87619 and 87676 shall not exceed 11.96 acre-feet annually, or sufficient to water 533 head of cattle.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.017 cubic feet per second and 11.96 acre-feet annually, or sufficient to water 533 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **May 29 2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **May 29 2021**

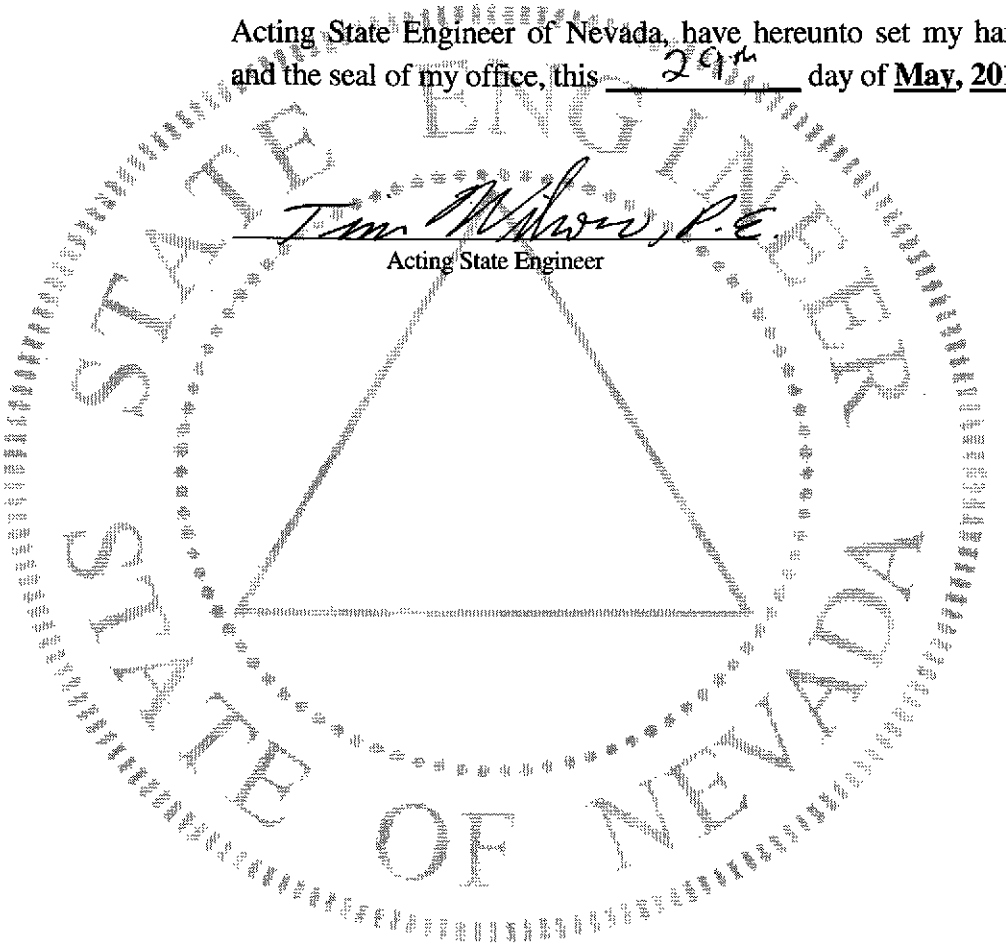
Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **May, 2019**

Tim Wilson, P.E.

Acting State Engineer



Application No. 87619

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office JAN 29 2018

Returned to applicant for correction

Corrected Application filed _____ Map filed Sept. 22, 1981 Under 44344

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code) _____ (E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

(If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

RECEIVED 2018 JAN 29 PM 1:12 STATE ENGINEER'S OFFICE

1. The source of water is Underground (Chalk Mtn. Well)
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12)
   (d) Power:
      (1) Horsepower developed
      (2) Point of return of water to stream

Revised 06/17

Stingaree Valley 10-125 Ch

87619

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the SW¼ SW¼ of Section 36, T. 17 N., R. 34 E., M.D.B.&M., or at a point from which the SE Corner of said Section 36 bears S. 84° 40' 27" E, a distance of 4,740.50 feet. (Please see map filed under 44344).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

Please See "Attachment A" and map accompanying this application.

7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Well, Pump, Electrical, Generator, 10 miles of pipeline, and trough system already in place. No additional works are proposed at this time.

9. Estimated cost of works: $0.00

10. Estimated time required to construct works: N/A - Works complete
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 2 Years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Please See "Attachment B".

13. Miscellaneous remarks:

Please See "Attachment B".

2018 JUN 29 PM 1:12

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3032 Silver Sage Dr., STE 101
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

Revised 06/17 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

Attachment A

PROPOSED PLACE OF USE

DIXIE VALLEY GRAZING ALLOTMENT

T. 23 N., R. 34 E. –	*SECTIONS 14 (POR), 15 (POR), 21 (POR), 22, 23 (POR), 24 (POR), 25 (POR), 26, 27, 28 (POR), 29 (POR), 32 (POR), 33, 34, 35, 36 (POR)*
T. 22 N., R. 33 E. –	*SECTIONS 24 (POR), 25 (POR), 35 (POR), 36 (POR)*
T. 22 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 8 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16, 17 (POR), 18(POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 22 N., R. 35 E. –	*SECTIONS 6 (POR), 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29, 30, 31, 32*
T. 21 N., R. 33 E. –	*SECTIONS 1, 2 (POR), 10 (POR), 11 (POR), 12, 13, 14 (POR), 23 (POR), 24, 25, 26 (POR), 35 (POR), 36 (POR)*
T. 21 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 (POR), 32 (POR), 33, 34, 35, 36*
T. 21 N., R. 35 E. –	*SECTIONS 5, 6, 7, 8, 17, 18, 19, 20, 30, 31*
T. 20 N., R. 33-½ E. –	*SECTION 36 (POR)*
T. 20 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5 (POR), 6 (POR), 7 (POR), 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 (POR), 31 (POR), 32, 33, 34, 35, 36*
T. 20 N., R. 35 E. –	*SECTIONS 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 20 N., R. 36 E. –	*SECTIONS 7 (POR), 16 (POR), 17 (POR), 18 (POR), 19, 20, 21 (POR), 28 (POR), 29, 30, 31, 32, 33 (POR)*
T. 19 N., R. 33-½ E. –	*SECTIONS 1 (POR), 12 (POR), 13 (POR)*
T. 19 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 20 (POR), 21 (POR), 22, 23, 24, 25, 26, 27 (POR), 28 (POR), 34 (POR), 35, 36*
T. 19 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 19 N., R. 36 E. –	*SECTIONS 3 (POR), 4 (POR), 5, 6, 7, 8, 9, 10 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21, 22, 23 (POR), 26 (POR), 27, 28, 29, 30, 31, 32, 33, 34, 35 (POR), 36 (POR)*

T. 18 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16 (POR), 21 (POR), 22, 23, 24, 25, 26, 27, 28 (POR), 33 (POR), 34, 35, 36*
T. 18 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 18 N., R. 36 E. –	*SECTIONS 1 (POR), 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 18 N., R. 37 E. –	*SECTIONS 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29 (POR), 30 (POR), 31 (POR)*
T. 17 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15 (POR), 16 (POR), 22 (POR), 23, 24, 25, 26, 27 (POR), 28 (POR), 33 (POR), 34, 35, 36*
T. 17 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 (POR), 35 (POR), 36 (POR),*
T. 17 N., R. 36 E. –	*SECTIONS 1 (POR), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21 (POR), 22 (POR), 28 (POR), 29 (POR), 30, 31 (POR), 32 (POR)*
T. 17 N., R. 37 E. –	*SECTION 6 (POR)*
T. 16 N., R. 34 E. –	*SECTIONS 1 (POR), 2 (POR), 3 (POR), 4 (POR), 5 (POR)*
T. 16 N., R. 35 E. –	*SECTIONS 3 (POR), 4 (POR), 5 (POR), 6 (POR)*

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

Attachment B

12. Provide a detailed description of the proposed project and its water usage.

Well Location is within the Dixie Valley Grazing Allotment. Well, pipeline, and trough system has historically been in place and supplied water for cattle in the Dixie Valley Grazing Allotment through the Chalk Mtn. Pipeline since the 1960s. Per discussions with the Applicant, this pipeline is almost 10 miles long, and is connected to a number of trough stations. Alternatively water can be pumped into a water truck for delivery to any number of troughs within the Dixie Valley Grazing Allotment. For this reason the entire proposed POU is the entire Dixie Valley Grazing Allotment. Water is pumped using mobile generators. Please see attached image for BLM Chalk Mtn. Pipeline Marker (BLM Project No. 4085) dated 1967. Additionally the approximate Chalk Mtn. Pipeline and Trough locations can be seen on an Easement Map (Churchill County Document No. 458444 recorded on 12/28/2016). A copy of Document No. 458444 with the Chalk Mtn. Pipeline highlighted has been attached to this application.

13. Miscellaneous remarks:

Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st, through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

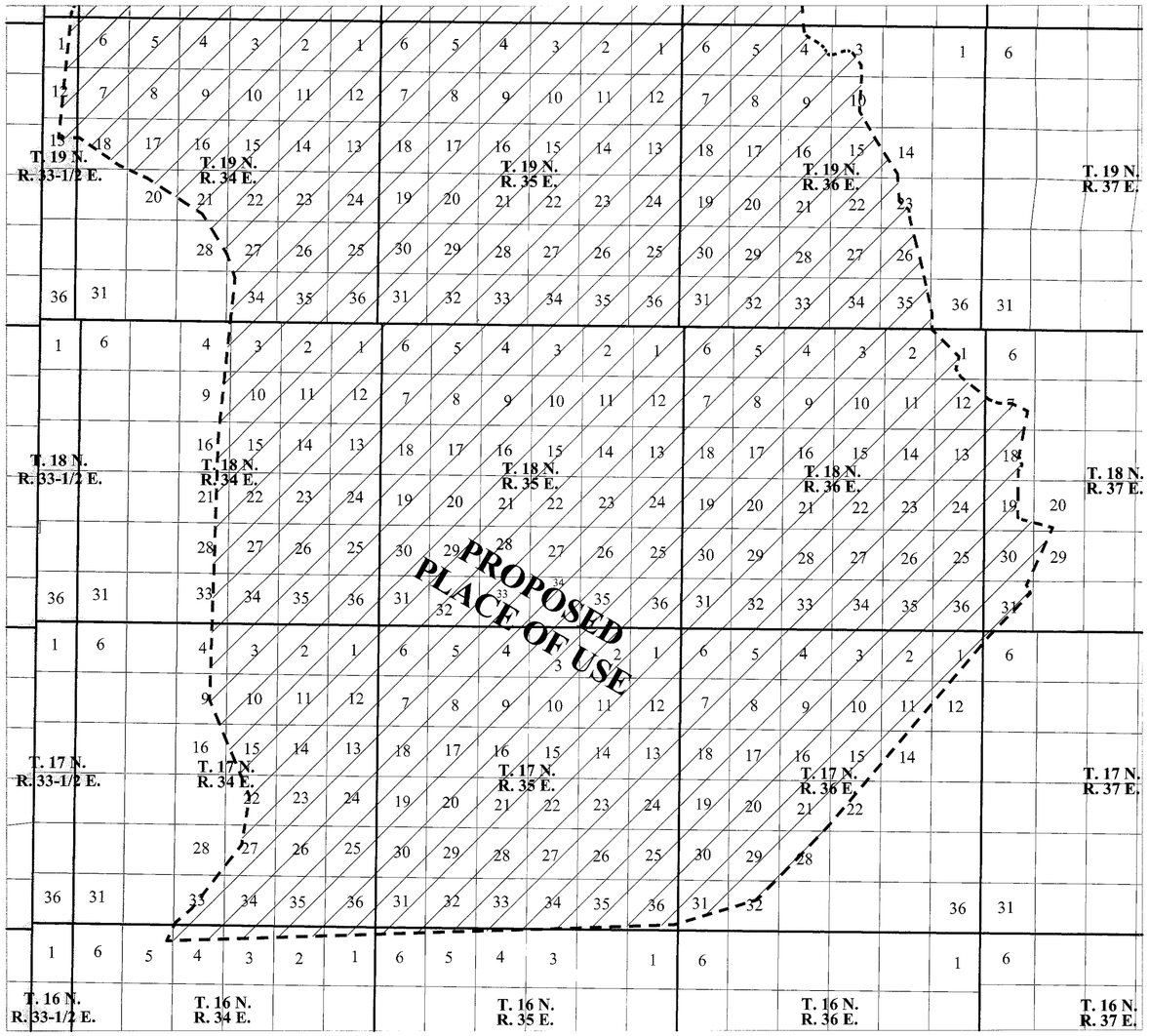
Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA



PORTIONS OF TOWNSHIP 19 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 18 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 17 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 16 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.

LEGEND

SECTION LINE

TOWNSHIP / RANGE LINE

PROPOSED PLACE OF USE

SCALE

8,000 0 4,000 8,000 16,000 32,000 FEET

1 inch = 8,000 feet

N

UNDERGROUND SOURCE (CHALK MTN. WELL)

PROPOSED PLACE OF USE (PART 2 OF 2)

DIXIE VALLEY GRAZING ALLOTMENT

PROPOSED PLACE OF USE CONTINUED FROM SHEET 1 OF 2.

- *T. 19 N., R. 33-½ E. - SECTIONS 1 (POR), 12 (POR), 13 (POR)*
- *T. 19 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 20 (POR), 21 (POR), 22, 23, 24, 25, 26, 27 (POR), 28 (POR), 34 (POR), 35, 36*
- *T. 19 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 19 N., R. 36 E. - SECTIONS 3 (POR), 4 (POR), 5, 6, 7, 8, 9, 10 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21, 22, 23 (POR), 26 (POR), 27, 28, 29, 30, 31, 32, 33, 34, 35 (POR), 36 (POR)*
- *T. 18 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16 (POR), 21 (POR), 22, 23, 24, 25, 26, 27, 28 (POR), 33 (POR), 34, 35, 36*
- *T. 18 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 18 N., R. 36 E. - SECTIONS 1 (POR), 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 18 N., R. 37 E. - SECTIONS 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29 (POR), 30 (POR), 31 (POR)*
- *T. 17 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15 (POR), 16 (POR), 22 (POR), 23, 24, 25, 26, 27 (POR), 28 (POR), 33 (POR), 34, 35, 36*
- *T. 17 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 (POR), 35 (POR), 36 (POR),*
- *T. 17 N., R. 36 E. - SECTIONS 1 (POR), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21 (POR), 22 (POR), 28 (POR), 29 (POR), 30, 31 (POR), 32 (POR)*
- *T. 17 N., R. 37 E. - SECTION 6 (POR)*
- *T. 16 N., R. 34 E. - SECTIONS 1 (POR), 2 (POR), 3 (POR), 4 (POR), 5 (POR)*
- *T. 16 N., R. 35 E. - SECTIONS 3 (POR), 4 (POR), 5 (POR), 6 (POR)*

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

Referenced Survey Documents for Distance and Bearings

Township	Range	Meridian	Document Type	Office	Date of Document
T. 16 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 36 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 16 N.	R. 37 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 17 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 17 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 17 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	7/31/1917
T. 17 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	1/15/1915
T. 17 N.	R. 37 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 18 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 36 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
			Survey Plat	B.L.M.	3/14/1968
T. 18 N.	R. 37 E.	M.D.B.&M.	Survey Plat	US Surveyor General	1/15/1915
T. 19 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 19 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 19 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US General Land Office	4/29/1940
T. 19 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US General Land Office	6/29/1931
T. 19 N.	R. 37 E.	M.D.B.&M.	Dependent Resurvey	B.L.M.	6/25/1973
T. 20 N.	R. 33 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	8/29/1917
T. 21 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 21 N.	R. 34 E.	M.D.B.&M.	Survey Plat	US General Land Office	10/3/1930
T. 21 N.	R. 35 E.	M.D.B.&M.	Dependent Resurvey	B.L.M.	10/31/1973
T. 21 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882
T. 22 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 22 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	10/26/1964
T. 22 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 22 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882
T. 23 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 23 N.	R. 34 E.	M.D.B.&M.	Survey Plat	US General Land Office	4/1/1935
T. 23 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 23 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882

Stanka Consulting, LTD
A Professional Engineering Company

3032 Silver Sage Drive, Suite 101
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z:\7.91 BENCH CREEK RANCH\03 CHRIS

STATE ENGINEER'S USE

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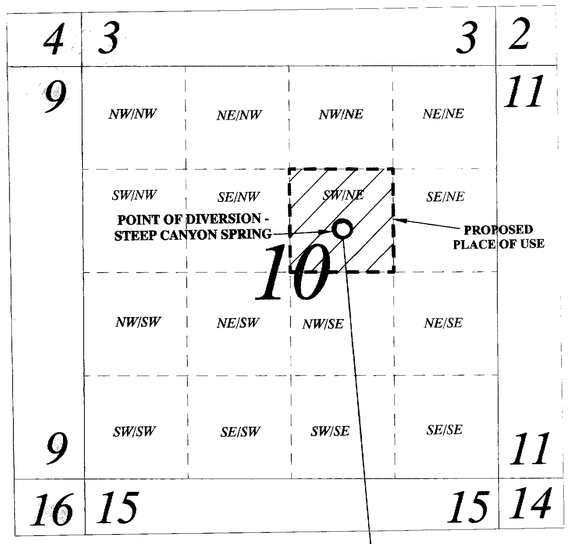
JAN 29 2018
STATE ENGINEER'S OFFICE

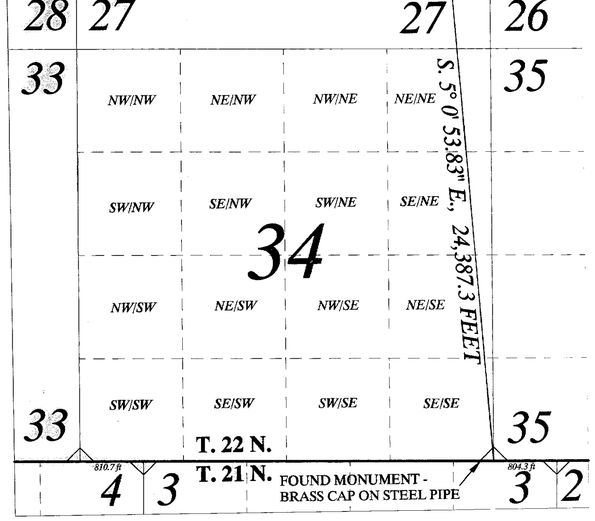
JANUARY 29, 2018 *Sheet 2 of 2*

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (CHALK MTN. WELL)
IN
CHURCHILL COUNTY, NEVADA

87880 87771 87770 87761 87760 87676 87619



PORTIONS OF TOWNSHIP 22 NORTH, RANGE 34 EAST, M.D.B.&M.



PORTIONS OF TOWNSHIP 22 NORTH, RANGE 34 EAST, M.D.B.&M.

LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- PROPOSED PLACE OF USE

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

1 inch = 1,000 feet

STATE OF NEVADA }
COUNTY OF CARSON CITY } ss

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF STEEP CANYON SPRING, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER, STATE OF NEVADA — CHRISTOPHER G. MOLTZ — Exp. 12/31/19 — CIVIL — No. 023133 — April 19, 2018

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 19 DAY OF April, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON — NOTARY PUBLIC — STATE OF NEVADA — Appt. Exp. Sept. 4, 2019

STEEP CANYON SPRING

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ NE¼ OF SECTION 10, T.22N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SECTION 34, T.22N., R.34E., M.D.B.&M. BEARS S. 5º 0' 53.83" E., A DISTANCE OF 24,387.3 FEET.

PROPOSED PLACE OF USE

WITHIN THE SW¼ NE¼ OF SECTION 10, T.22N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

N

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. BUREAU OF LAND MANAGEMENT PROTRACTION PLAT DATED OCTOBER 26, 1964 FOR T. 22 N., R. 34 E., M.D.B. & M.

NOTE: ONLY SECTION LINES ARE SURVEYED FOR T. 22 N., R. 34 E., M.D.B. & M. APPROXIMATE QUARTER-QUARTER LINES DERIVED FROM EQUAL SUBDIVISION OF SURVEYED SECTIONS.

GPS COORDINATES [NAD 83]

SE CORNER OF SECTION 34, T. 22 N., R. 34 E., M.D.B.&M.	*N 39º 43' 25.42" W 118º 8' 13.74"*
PROPOSED POD - STEEP CANYON SPRING	*N 39º 47' 25.51" W 118º 8' 41.05"*

APRIL 18, 2018

Sheet 1 of 1

STATE ENGINEER'S USE

87883

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STATE ENGINEER'S OFFICE

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APR 24 2018
STATE ENGINEER'S OFFICE

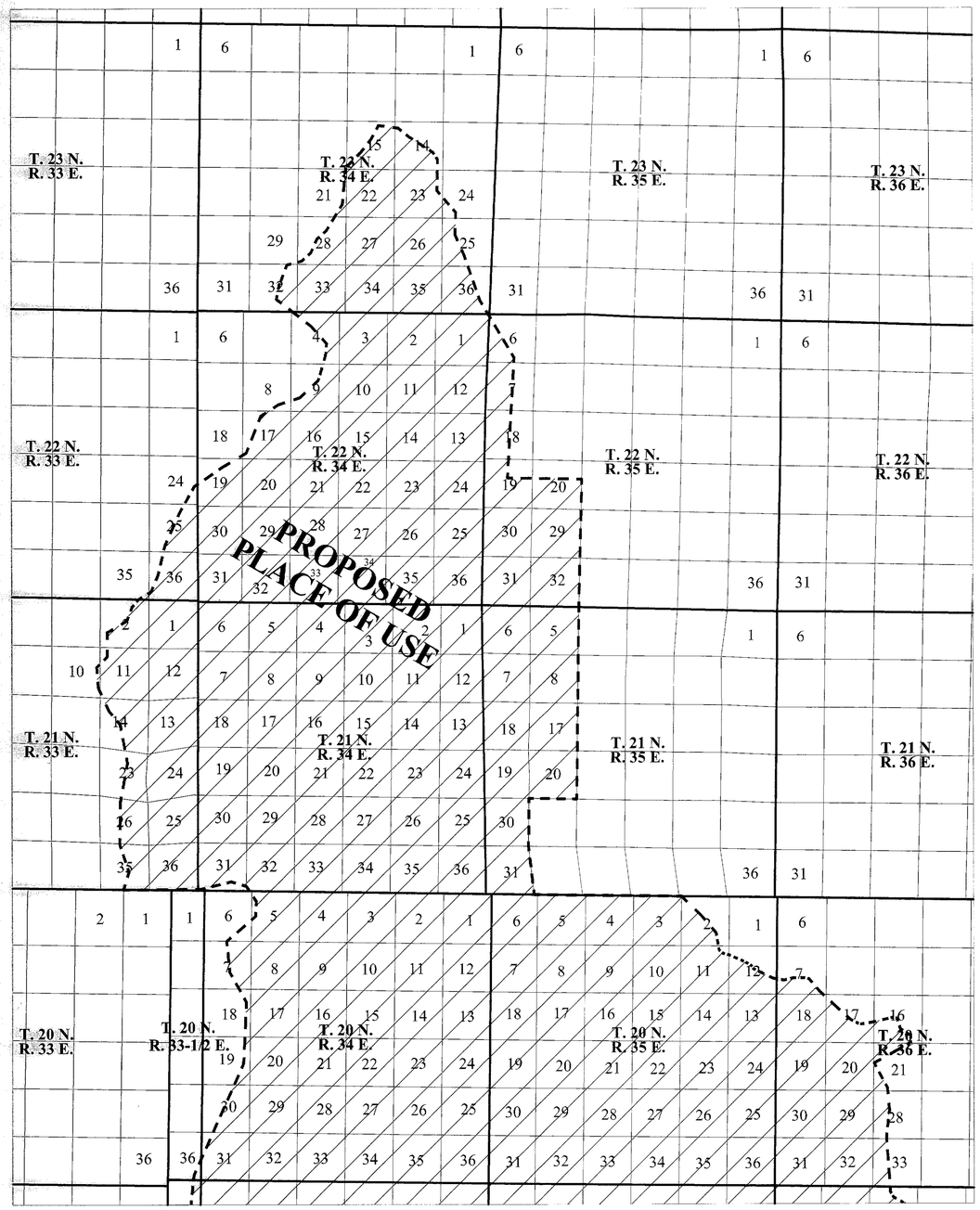
MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
STEEP CANYON SPRING
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87883



PORTIONS OF TOWNSHIP 20 NORTH, RANGE 33, 33-1/2, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 21 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 22 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 23 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.

LEGEND

SECTION LINE

TOWNSHIP / RANGE LINE

PROPOSED PLACE OF USE

N

SCALE

8,000 0 4,000 8,000 16,000 32,000 FEET

1 inch = 8,000 feet

STATE OF NEVADA
COUNTY OF CARSON CITY } SS

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF TWO SHEETS HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED PLACE OF USE OF AN UNDERGROUND SOURCE (CHALK MTN. WELL), LOCATED IN CHURCHILL COUNTY BY THE BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER – STATE OF NEVADA – CHRISTOPHER G. MOLTZ – Exp. 12/31/19 – CIVIL – No. 023133

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 29 DAY OF January, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON – NOTARY PUBLIC – STATE OF NEVADA – No. 15-2952-3 – My Appt. Exp. Sept. 4, 2019

UNDERGROUND SOURCE (CHALK MTN. WELL)

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ SW¼ OF SECTION 36, T. 17 N., R. 34 E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SAID SECTION 36 BEARS S. 84º 40' 27" E, A DISTANCE OF 4,740.50 FEET. (PLEASE SEE MAP FILED UNDER 44344).

PROPOSED PLACE OF USE (PART 1 OF 2)

DIXIE VALLEY GRAZING ALLOTMENT

- *T. 23 N., R. 34 E. - SECTIONS 14 (POR), 15 (POR), 21 (POR), 22, 23 (POR), 24 (POR), 25 (POR), 26, 27, 28 (POR), 29 (POR), 32 (POR), 33, 34, 35, 36 (POR)*
- *T. 22 N., R. 33 E. - SECTIONS 24 (POR), 25 (POR), 35 (POR), 36 (POR)*
- *T. 22 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 8 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16, 17 (POR), 18(POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 22 N., R. 35 E. - SECTIONS 6 (POR), 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29, 30, 31, 32*
- *T. 21 N., R. 33 E. - SECTIONS 1, 2 (POR), 10 (POR), 11 (POR), 12, 13, 14 (POR), 23 (POR), 24, 25, 26 (POR), 35 (POR), 36 (POR)*
- *T. 21 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 (POR), 32 (POR), 33, 34, 35, 36*
- *T. 21 N., R. 35 E. - SECTIONS 5, 6, 7, 8, 17, 18, 19, 20, 30, 31*
- *T. 20 N., R. 33-½ E. - SECTION 36 (POR)*
- *T. 20 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5 (POR), 6 (POR), 7 (POR), 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 (POR), 31 (POR), 32, 33, 34, 35, 36*
- *T. 20 N., R. 35 E. - SECTIONS 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 20 N., R. 36 E. - SECTIONS 7 (POR), 16 (POR), 17 (POR), 18 (POR), 19, 20, 21 (POR), 28 (POR), 29, 30, 31, 32, 33 (POR)*

...

PROPOSED PLACE OF USE CONTINUED ON SHEET 2 OF 2.

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

JANUARY 29, 2018 *Sheet 1 of 2*

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JAN 29 2018
STATE ENGINEER'S OFFICE

STATE ENGINEER'S USE 87619

FILED
JAN 29 2018
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (CHALK MTN. WELL)
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3032 Silver Sage Drive, Suite 101
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87880 87771 87770 87761 87760 87676 87619



Site Search

Permit Information

New Search

App/Permit: 87619
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC.	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Permit 87676

BASIN: Stingaree Valley (125) **COUNTY:** Churchill

LATITUDE: 39.288706 **LONGITUDE:** -118.1095

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	February 13, 2018
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	SW¼SW¼ Section 33, T.17N., R.35E., M.D.M.
MANNER OF USE:	STK
PLACE OF USE:	Dixie Valley Grazing Allotment
DIVERSION RATE:	0.017 cfs
ALLOWED DUTY:	11.96 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATES:	POC due 05/29/2020
	PBU due 05/29/2021
REMARKS:	Chalk Mountain Well

POD PARCEL:	Churchill County APN 002-771-06
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Multiple
POU PARCEL OWNER:	Multiple

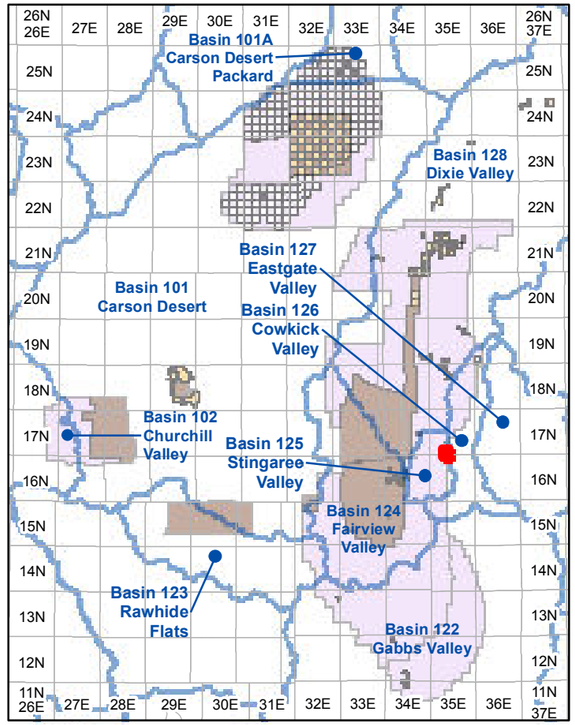
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Permit 87676

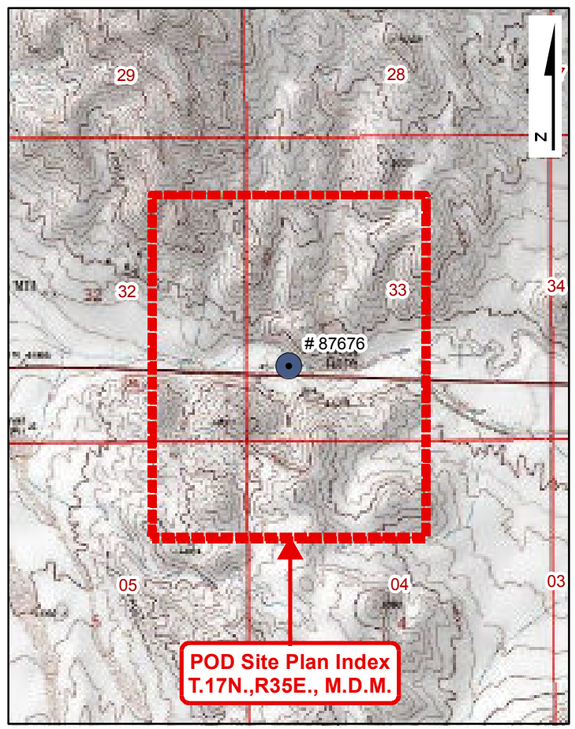
The current owner of Permit 87676 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on May 29, 2019. It has a priority date of February 13, 2018 with an allowed diversion rate of 0.017 CFS. The permitted manner of use is for stock-watering purposes. The total combined duty of water under Permit 87619 and 87676 shall not exceed 11.96 acre-feet annually. The allowed period of use is from January 1 through December 31.

The point of diversion is located within the SW¼SW¼ Section 33, Township 17N, Range 35E, MDM. The permitted place of use includes the entire Dixie Creek Allotment within Churchill County, the same as listed in the table for Permit 87619.

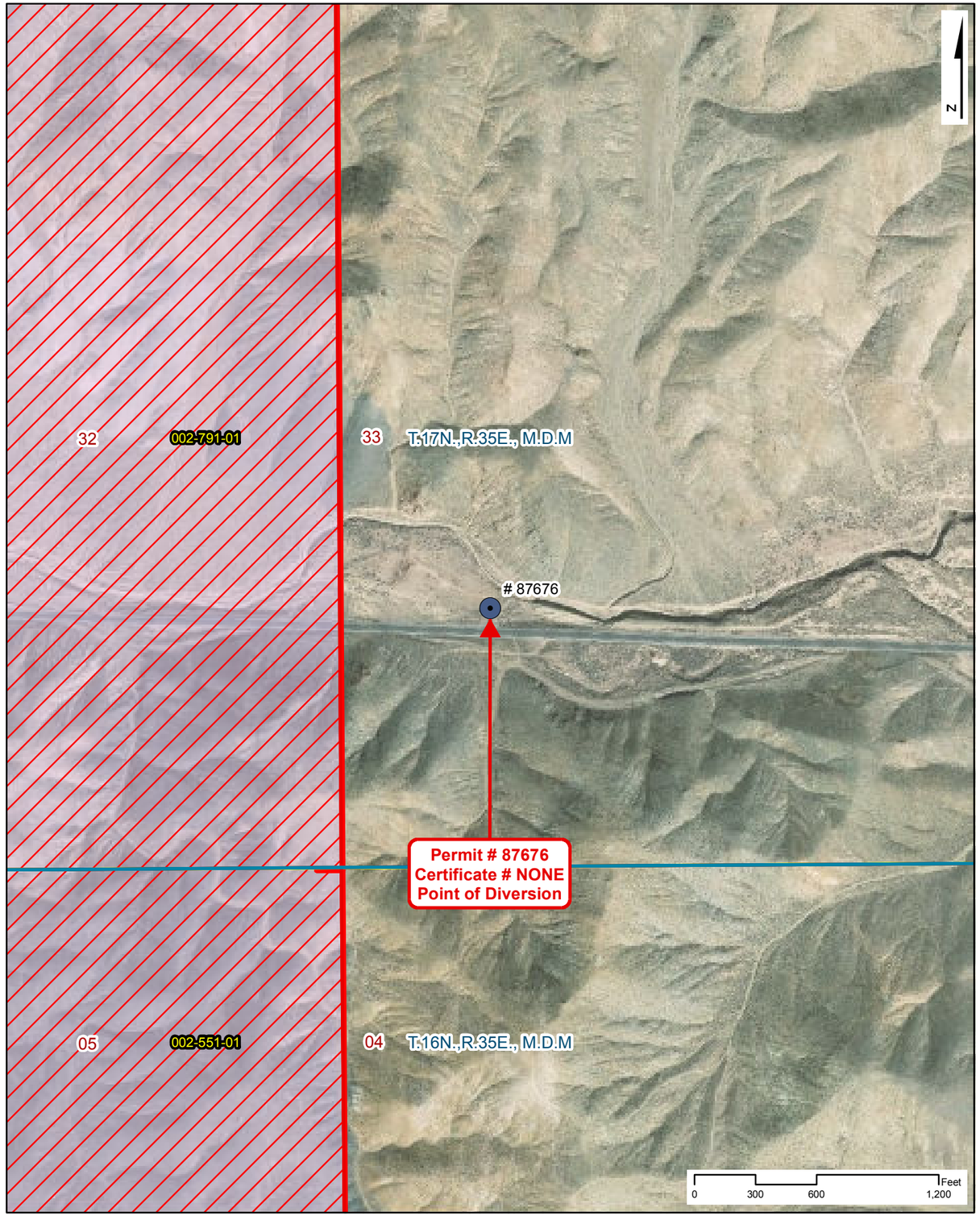
The Proof of Completion for Permit 87676 has a due date of May 29, 2020. The Proof Beneficial Use has a due date of May 29, 2021.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87676 **CERTIFICATE: NONE**

BASIN: Stingaree Valley (125) **COUNTY: Churchill**
LATITUDE: 39.291028 **LONGITUDE: -118.053116**
POINT OF DIVERSION: **SW1/4,SW1/4, Section 33, T.17N.,R35E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **N/A**
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Bench Creek Ranch Co., LLC

PRIORITY DATE: **2/13/2018**
PERMIT DATE:
CERTIFICATE DATE:
DUE DATE: **POC - 05/29/20; PBU - 05/29/21**

USE UNITS

533 Cattle

SOURCE DESCRIPTION: **Underground**
MANNER OF USE: **Stock-Watering**
DIVERSION RATE: **0.016 CFS**
ALLOWED DUTY: **11.960 AFA**
PERIOD OF USE: **01/01-12/31**

GIS PARCEL DATA

A.P.N. 002-791-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

PERMIT: 87676
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:48:37 AM

Permit No. 87676

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC.**
Source:	**UNDERGROUND (WEST GATE WELL)**
Basin:	**STINGAREE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**02/13/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. It is further understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to any other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. This source is located within an area designated by the State Engineer pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Permits 87619 and 87676 shall not exceed 11.96 acre-feet annually, or sufficient to water 533 head of cattle.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.017 cubic feet per second and 11.96 acre-feet annually, or sufficient to water 533 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **May 29 2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **May 29 2021**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **May, 2019**

Tim Wilson, P.E.
Acting State Engineer

STATE ENGINEER STATE OF NEVADA

Application No. 87678

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office FEB 13 2018

Returned to applicant for correction _____

Corrected Application filed _____ Map filed FEB 13 2018

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code) _____ (E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

(If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co. LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

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1. The source of water is Underground (West Gate Well)
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet _____
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated _____
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12) _____
   (d) Power:
      (1) Horsepower developed _____
      (2) Point of return of water to stream _____

Revised 06/17

10-125 CH

87676

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the SW¼ SW¼ of Section 33, T.17N., R.35E., M.D.B.&M., or at a point from which the SE corner of Section 34, T.17N., R.35E., M.D.B.&M. bears S. 82° 38' 0.57" E., a distance of 9,910.3 feet. (Please see map accompanying this application).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

The proposed place of use is the entire Dixie Valley Grazing Allotment. Please See "Attachment A" accompanying this application, and the map filed under 87619.

7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Well, Pump, Windmill, and Stone Holding Tank already in place. No additional works are proposed at this time.

9. Estimated cost of works: $0.00

10. Estimated time required to construct works: N/A - Works complete
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 2 Years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Please See "Attachment B".

13. Miscellaneous remarks:

Please See "Attachment B".

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Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

Stanka Consulting, LTD
Company Name

3032 Silver Sage Dr., STE 101
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Revised 06/17 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

Attachment A

PROPOSED PLACE OF USE

DIXIE VALLEY GRAZING ALLOTMENT

T. 23 N., R. 34 E. –	*SECTIONS 14 (POR), 15 (POR), 21 (POR), 22, 23 (POR), 24 (POR), 25 (POR), 26, 27, 28 (POR), 29 (POR), 32 (POR), 33, 34, 35, 36 (POR)*
T. 22 N., R. 33 E. –	*SECTIONS 24 (POR), 25 (POR), 35 (POR), 36 (POR)*
T. 22 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 8 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16, 17 (POR), 18(POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 22 N., R. 35 E. –	*SECTIONS 6 (POR), 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29, 30, 31, 32*
T. 21 N., R. 33 E. –	*SECTIONS 1, 2 (POR), 10 (POR), 11 (POR), 12, 13, 14 (POR), 23 (POR), 24, 25, 26 (POR), 35 (POR), 36 (POR)*
T. 21 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 (POR), 32 (POR), 33, 34, 35, 36*
T. 21 N., R. 35 E. –	*SECTIONS 5, 6, 7, 8, 17, 18, 19, 20, 30, 31*
T. 20 N., R. 33-½ E. –	*SECTION 36 (POR)*
T. 20 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5 (POR), 6 (POR), 7 (POR), 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 (POR), 31 (POR), 32, 33, 34, 35, 36*
T. 20 N., R. 35 E. –	*SECTIONS 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 20 N., R. 36 E. –	*SECTIONS 7 (POR), 16 (POR), 17 (POR), 18 (POR), 19, 20, 21 (POR), 28 (POR), 29, 30, 31, 32, 33 (POR)*
T. 19 N., R. 33-½ E. –	*SECTIONS 1 (POR), 12 (POR), 13 (POR)*
T. 19 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 20 (POR), 21 (POR), 22, 23, 24, 25, 26, 27 (POR), 28 (POR), 34 (POR), 35, 36*
T. 19 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 19 N., R. 36 E. –	*SECTIONS 3 (POR), 4 (POR), 5, 6, 7, 8, 9, 10 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21, 22, 23 (POR), 26 (POR), 27, 28, 29, 30, 31, 32, 33, 34, 35 (POR), 36 (POR)*

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87676

T. 18 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16 (POR), 21 (POR), 22, 23, 24, 25, 26, 27, 28 (POR), 33 (POR), 34, 35, 36*
T. 18 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 18 N., R. 36 E. –	*SECTIONS 1 (POR), 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 18 N., R. 37 E. –	*SECTIONS 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29 (POR), 30 (POR), 31 (POR)*
T. 17 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15 (POR), 16 (POR), 22 (POR), 23, 24, 25, 26, 27 (POR), 28 (POR), 33 (POR), 34, 35, 36*
T. 17 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 (POR), 35 (POR), 36 (POR),*
T. 17 N., R. 36 E. –	*SECTIONS 1 (POR), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21 (POR), 22 (POR), 28 (POR), 29 (POR), 30, 31 (POR), 32 (POR)*
T. 17 N., R. 37 E. –	*SECTION 6 (POR)*
T. 16 N., R. 34 E. –	*SECTIONS 1 (POR), 2 (POR), 3 (POR), 4 (POR), 5 (POR)*
T. 16 N., R. 35 E. –	*SECTIONS 3 (POR), 4 (POR), 5 (POR), 6 (POR)*

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

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Attachment B

12. Provide a detailed description of the proposed project and its water usage.

The well location is within the Dixie Valley Grazing Allotment. This well has historically been used for stockwater and domestic use since at least 1905. Currently this well is used to supply water for stock within the Dixie Valley Grazing Allotment. A windmill is currently hooked up to the well and pumps water into a stone holding trough. Alternatively water can be placed into a water truck for delivery to any number of troughs within the Dixie Valley Grazing Allotment. For this reason the entire proposed POU is the entire Dixie Valley Grazing Allotment.

13. Miscellaneous remarks:

Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA

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Please note that Permit 4905 / Certificate 2009 is certificated for 0.04 cfs or sufficient water for 1,280 cattle or 6,400 sheep on the West Gate Well. Application 4905 was filed in 1918 and certificated in 1933 for stockwater use. Permit 4905 / Certificate 2009 is still in the original applicant's name (Williams Estate Company). Since Bench Creek Ranch does not own the land where the well is located, and is only the Holder of the grazing allotment permit, no chain of title documents were identified which could link the Bench Creek Ranch Co, LLC to the original holders of Permit 4905 / Certificate, even though they are the successors for the use of the well and the water rights associated with the Westgate Well. This application will not cause any additional strain on the Westgate well and groundwater system, other than what has historically been used at the Westgate well under Permit 4905 / Certificate 2009. The

only reason this application is being filed because no chain of title documents were found between the Williams Estate Company and Bench Creek Ranch Co., LLC. If such documents were found, then a Report of Conveyance and Abstract of Title to update title for Permit 4905 / Certificate 2009 would be filed instead of this Application for Appropriation.

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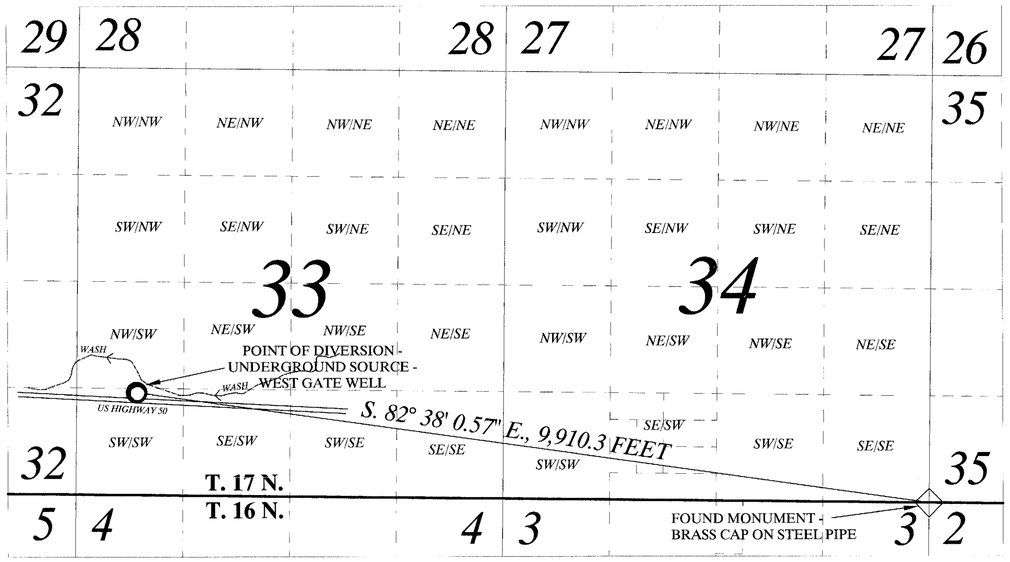


PORTIONS OF TOWNSHIP 17 NORTH, RANGE 35 EAST, M.D.B.&M.

LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- FOUND SECTION CORNER MONUMENT
- PROPOSED POINT OF DIVERSION
- IDENTIFIED ROAD
- SURFACE WATER FEATURE (WASH) (WITH FLOW DIRECTION)

STATE OF NEVADA }
COUNTY OF CARSON CITY } ss

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION OF AN UNDERGROUND SOURCE (WEST GATE WELL), LOCATED IN CHURCHILL COUNTY BY THE BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER - STATE OF NEVADA - CHRISTOPHER G. MOLTZ - Exp. 12/31/19 - CIVIL - No. 023133

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 13 *DAY OF* February, 2018.

NOTARY PUBLIC IN AND FOR Carson City *COUNTY, NEVADA.*
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON NOTARY PUBLIC STATE OF NEVADA No. 15-2952-3 My Appt. Exp. Sept. 4, 2019

UNDERGROUND SOURCE (WEST GATE WELL)

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ SW¼ OF SECTION 33, T.17N., R.35E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SECTION 34, T.17N., R.35E., M.D.B.&M. BEARS S. 82º 38' 0.57" E., A DISTANCE OF 9,910.3 FEET.

PROPOSED PLACE OF USE

DIXIE VALLEY GRAZING ALLOTMENT (PLEASE SEE "ATTACHMENT A" ACCOMPANYING THIS APPLICATION, AND MAP FILED UNDER 87619)

PROPOSED MANNER OF USE

STOCKWATER

SCALE
1,000 0 500 1,000 2,000 4,000 FEET
1 inch = 1,000 feet

N

GPS COORDINATES [NAD 83]

SE CORNER OF SECTION 34, T. 17 N., R. 35 E., M.D.B.&M.	*N 39° 17' 15.25" W 118° 1' 6.13"*
PROPOSED POD	*N 39° 17' 27.79" W 118° 3' 11.14"*

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. SURVEYOR GENERAL'S OFFICE SURVEY DATED JULY 31, 1917 FOR T. 17 N., R. 35 E., M.D.B. & M.

FEBRUARY 13, 2018 *Sheet 1 of 1*

STATE ENGINEER'S USE 87676

FILED
FEB 13 2018
STATE ENGINEER'S OFFICE

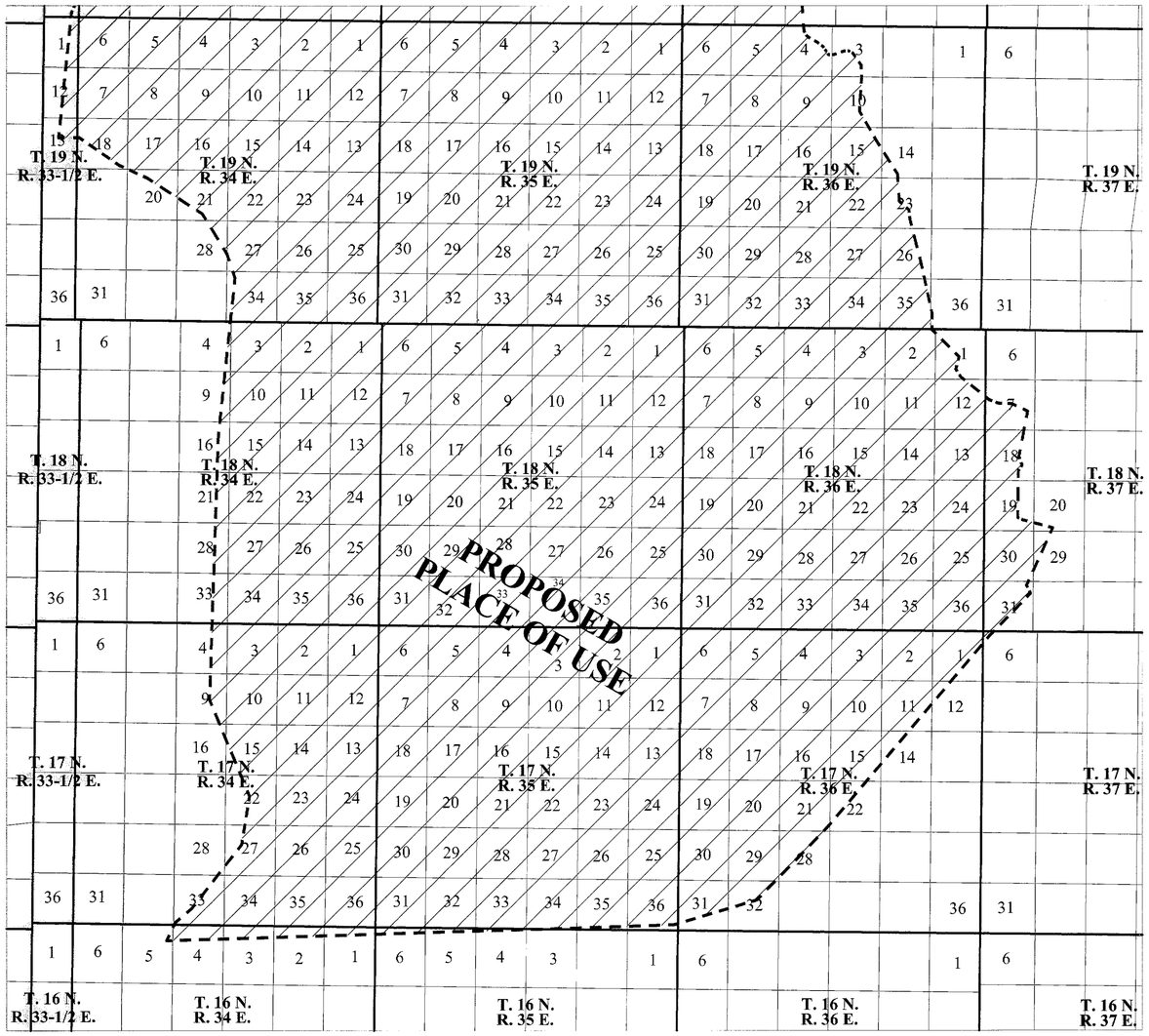
MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (WEST GATE WELL)
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3032 Silver Sage Drive, Suite 101
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

V11301 87676



PORTIONS OF TOWNSHIP 19 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 18 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 17 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 16 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.

LEGEND

SECTION LINE

TOWNSHIP / RANGE LINE

PROPOSED PLACE OF USE

SCALE

8,000 0 4,000 8,000 16,000 32,000 FEET

1 inch = 8,000 feet

N

UNDERGROUND SOURCE (CHALK MTN. WELL)

PROPOSED PLACE OF USE (PART 2 OF 2)

DIXIE VALLEY GRAZING ALLOTMENT

PROPOSED PLACE OF USE CONTINUED FROM SHEET 1 OF 2.

- *T. 19 N., R. 33-½ E. - SECTIONS 1 (POR), 12 (POR), 13 (POR)*
- *T. 19 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 20 (POR), 21 (POR), 22, 23, 24, 25, 26, 27 (POR), 28 (POR), 34 (POR), 35, 36*
- *T. 19 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 19 N., R. 36 E. - SECTIONS 3 (POR), 4 (POR), 5, 6, 7, 8, 9, 10 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21, 22, 23 (POR), 26 (POR), 27, 28, 29, 30, 31, 32, 33, 34, 35 (POR), 36 (POR)*
- *T. 18 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16 (POR), 21 (POR), 22, 23, 24, 25, 26, 27, 28 (POR), 33 (POR), 34, 35, 36*
- *T. 18 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 18 N., R. 36 E. - SECTIONS 1 (POR), 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 18 N., R. 37 E. - SECTIONS 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29 (POR), 30 (POR), 31 (POR)*
- *T. 17 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15 (POR), 16 (POR), 22 (POR), 23, 24, 25, 26, 27 (POR), 28 (POR), 33 (POR), 34, 35, 36*
- *T. 17 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 (POR), 35 (POR), 36 (POR),*
- *T. 17 N., R. 36 E. - SECTIONS 1 (POR), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21 (POR), 22 (POR), 28 (POR), 29 (POR), 30, 31 (POR), 32 (POR)*
- *T. 17 N., R. 37 E. - SECTION 6 (POR)*
- *T. 16 N., R. 34 E. - SECTIONS 1 (POR), 2 (POR), 3 (POR), 4 (POR), 5 (POR)*
- *T. 16 N., R. 35 E. - SECTIONS 3 (POR), 4 (POR), 5 (POR), 6 (POR)*

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

Referenced Survey Documents for Distance and Bearings

Township	Range	Meridian	Document Type	Office	Date of Document
T. 16 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 36 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 16 N.	R. 37 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 17 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 17 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 17 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	7/31/1917
T. 17 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	1/15/1915
T. 17 N.	R. 37 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 18 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 36 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
			Survey Plat	B.L.M.	3/14/1968
T. 18 N.	R. 37 E.	M.D.B.&M.	Survey Plat	US Surveyor General	1/15/1915
T. 19 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 19 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 19 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US General Land Office	4/29/1940
T. 19 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US General Land Office	6/29/1931
T. 19 N.	R. 37 E.	M.D.B.&M.	Dependent Resurvey	B.L.M.	6/25/1973
T. 20 N.	R. 33 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	8/29/1917
T. 21 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 21 N.	R. 34 E.	M.D.B.&M.	Survey Plat	US General Land Office	10/3/1930
T. 21 N.	R. 35 E.	M.D.B.&M.	Dependent Resurvey	B.L.M.	10/31/1973
T. 21 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882
T. 22 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 22 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	10/26/1964
T. 22 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 22 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882
T. 23 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 23 N.	R. 34 E.	M.D.B.&M.	Survey Plat	US General Land Office	4/1/1935
T. 23 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 23 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882

Stanka Consulting, LTD
A Professional Engineering Company

3032 Silver Sage Drive, Suite 101
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z:\7.91 BENCH CREEK RANCH\03 CHRIS

STATE ENGINEER'S USE

87619

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JAN 29 2018
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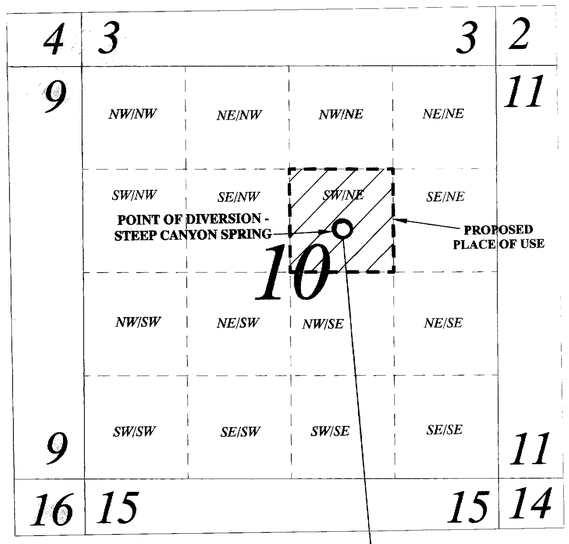
FILED
JAN 29 2018
STATE ENGINEER'S OFFICE

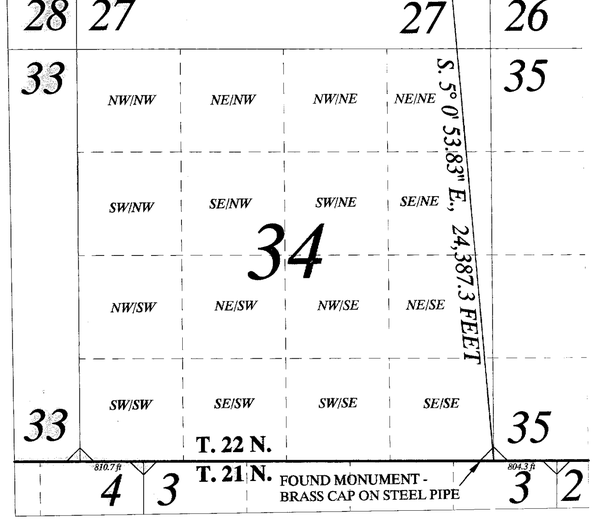
JANUARY 29, 2018 *Sheet 2 of 2*

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (CHALK MTN. WELL)
IN
CHURCHILL COUNTY, NEVADA

87880 87771 87770 87761 87760 87676 87619



PORTIONS OF TOWNSHIP 22 NORTH, RANGE 34 EAST, M.D.B.&M.



PORTIONS OF TOWNSHIP 22 NORTH, RANGE 34 EAST, M.D.B.&M.

LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- PROPOSED PLACE OF USE

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

1 inch = 1,000 feet

STATE OF NEVADA }
COUNTY OF CARSON CITY } ss

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF STEEP CANYON SPRING, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER, STATE OF NEVADA — CHRISTOPHER G. MOLTZ — Exp. 12/31/19 — CIVIL — No. 023133 — April 19, 2018

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 19 DAY OF April, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON — NOTARY PUBLIC — STATE OF NEVADA — Appt. Exp. Sept. 4, 2019

STEEP CANYON SPRING

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ NE¼ OF SECTION 10, T.22N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SECTION 34, T.22N., R.34E., M.D.B.&M. BEARS S. 5º 0' 53.83" E., A DISTANCE OF 24,387.3 FEET.

PROPOSED PLACE OF USE

WITHIN THE SW¼ NE¼ OF SECTION 10, T.22N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

N

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. BUREAU OF LAND MANAGEMENT PROTRACTION PLAT DATED OCTOBER 26, 1964 FOR T. 22 N., R. 34 E., M.D.B. & M.

NOTE: ONLY SECTION LINES ARE SURVEYED FOR T. 22 N., R. 34 E., M.D.B. & M. APPROXIMATE QUARTER-QUARTER LINES DERIVED FROM EQUAL SUBDIVISION OF SURVEYED SECTIONS.

GPS COORDINATES [NAD 83]

SE CORNER OF SECTION 34, T. 22 N., R. 34 E., M.D.B.&M.	*N 39º 43' 25.42" W 118º 8' 13.74"*
PROPOSED POD - STEEP CANYON SPRING	*N 39º 47' 25.51" W 118º 8' 41.05"*

APRIL 18, 2018

Sheet 1 of 1

STATE ENGINEER'S USE

87883

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2018 APR 24 PM 3:30
STATE ENGINEER'S OFFICE

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APR 24 2018
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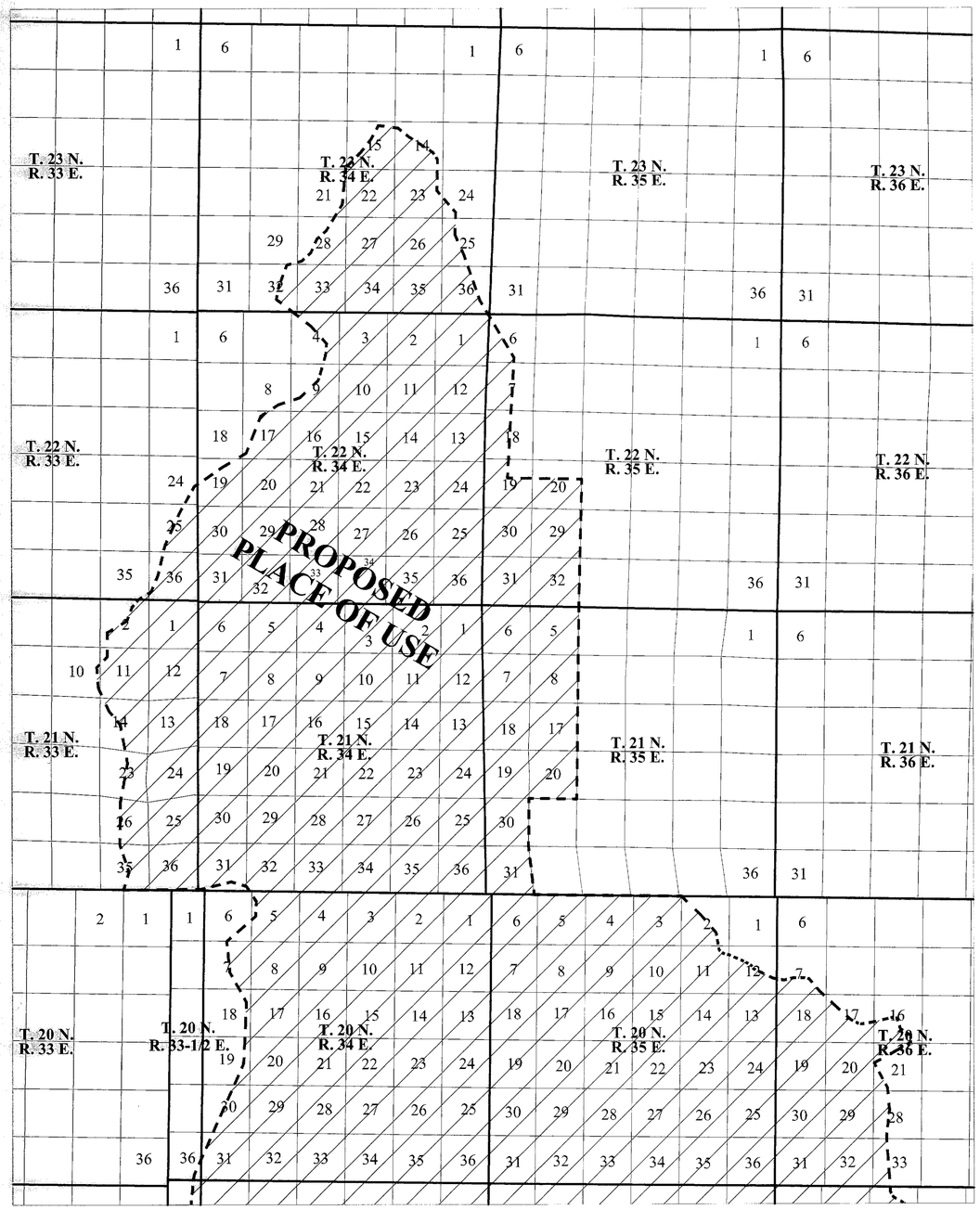
MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
STEEP CANYON SPRING
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87883



PORTIONS OF TOWNSHIP 20 NORTH, RANGE 33, 33-1/2, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 21 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 22 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 23 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.

LEGEND

SECTION LINE

TOWNSHIP / RANGE LINE

PROPOSED PLACE OF USE

N

SCALE

8,000 0 4,000 8,000 16,000 32,000 FEET

1 inch = 8,000 feet

STATE OF NEVADA
COUNTY OF CARSON CITY } SS

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF TWO SHEETS HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED PLACE OF USE OF AN UNDERGROUND SOURCE (CHALK MTN. WELL), LOCATED IN CHURCHILL COUNTY BY THE BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER – STATE OF NEVADA – CHRISTOPHER G. MOLTZ – Exp. 12/31/19 – CIVIL – No. 023133

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 29 DAY OF January, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON – NOTARY PUBLIC – STATE OF NEVADA – No. 15-2952-3 – My Appt. Exp. Sept. 4, 2019

UNDERGROUND SOURCE (CHALK MTN. WELL)

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ SW¼ OF SECTION 36, T. 17 N., R. 34 E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SAID SECTION 36 BEARS S. 84º 40' 27" E, A DISTANCE OF 4,740.50 FEET. (PLEASE SEE MAP FILED UNDER 44344).

PROPOSED PLACE OF USE (PART 1 OF 2)

DIXIE VALLEY GRAZING ALLOTMENT

- *T. 23 N., R. 34 E. - SECTIONS 14 (POR), 15 (POR), 21 (POR), 22, 23 (POR), 24 (POR), 25 (POR), 26, 27, 28 (POR), 29 (POR), 32 (POR), 33, 34, 35, 36 (POR)*
- *T. 22 N., R. 33 E. - SECTIONS 24 (POR), 25 (POR), 35 (POR), 36 (POR)*
- *T. 22 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 8 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16, 17 (POR), 18(POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 22 N., R. 35 E. - SECTIONS 6 (POR), 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29, 30, 31, 32*
- *T. 21 N., R. 33 E. - SECTIONS 1, 2 (POR), 10 (POR), 11 (POR), 12, 13, 14 (POR), 23 (POR), 24, 25, 26 (POR), 35 (POR), 36 (POR)*
- *T. 21 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 (POR), 32 (POR), 33, 34, 35, 36*
- *T. 21 N., R. 35 E. - SECTIONS 5, 6, 7, 8, 17, 18, 19, 20, 30, 31*
- *T. 20 N., R. 33-½ E. - SECTION 36 (POR)*
- *T. 20 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5 (POR), 6 (POR), 7 (POR), 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 (POR), 31 (POR), 32, 33, 34, 35, 36*
- *T. 20 N., R. 35 E. - SECTIONS 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 20 N., R. 36 E. - SECTIONS 7 (POR), 16 (POR), 17 (POR), 18 (POR), 19, 20, 21 (POR), 28 (POR), 29, 30, 31, 32, 33 (POR)*

...

PROPOSED PLACE OF USE CONTINUED ON SHEET 2 OF 2.

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

JANUARY 29, 2018 *Sheet 1 of 2*

RECEIVED
JAN 29 2018
STATE ENGINEER'S OFFICE

STATE ENGINEER'S USE 87619

FILED
JAN 29 2018
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (CHALK MTN. WELL)
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

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chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87880 87771 87770 87761 87760 87676 87619

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 87676
Status: PERMIT
Certificate: None

General Maps & Due Dates Place of Use Abrogations/Protests/Rulings Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC.	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Permit 87760

BASIN: Eastgate Valley Area (127) **COUNTY:** Churchill

LATITUDE: 39.366190 **LONGITUDE:** -117.880335

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	3/12/2018
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	NE¼NW¼ Section 1, T.17N., R.36E., M.D.M.
MANNER OF USE:	STK
PLACE OF USE:	Dixie Valley Grazing Allotment
DIVERSION RATE:	0.016 cfs
ALLOWED DUTY:	11.94 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATES:	POC due 04/05/2020
	PBU due 04/05/2021
REMARKS:	Camp Creek Well

POD PARCEL:	Churchill County APN 002-831-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County Multiple APN
POU PARCEL OWNER:	Multiple

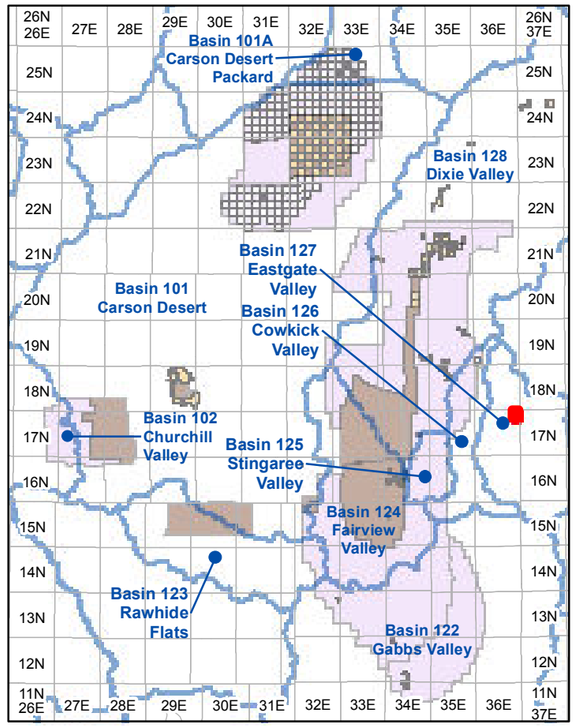
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Permit 87760

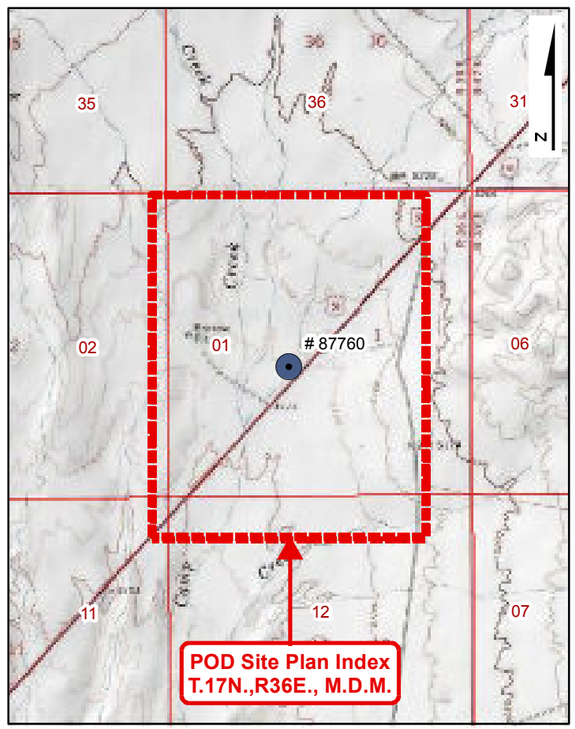
The current owner of Permit 87760 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on April 5, 2019. It has a priority date of March 12, 2018 with an allowed diversion rate of 0.0166 CFS. The permitted manner of use is for stock-watering purposes. The total combined duty of water under Permit 87759, 87760 and 87761 shall not exceed 11.94 acre-feet annually. The allowed period of use is from January 1 through December 31.

The point of diversion is located within the NE¼SW¼ Section 1, Township 17N, Range 36E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County, the same as listed in the table for Permit 87619.

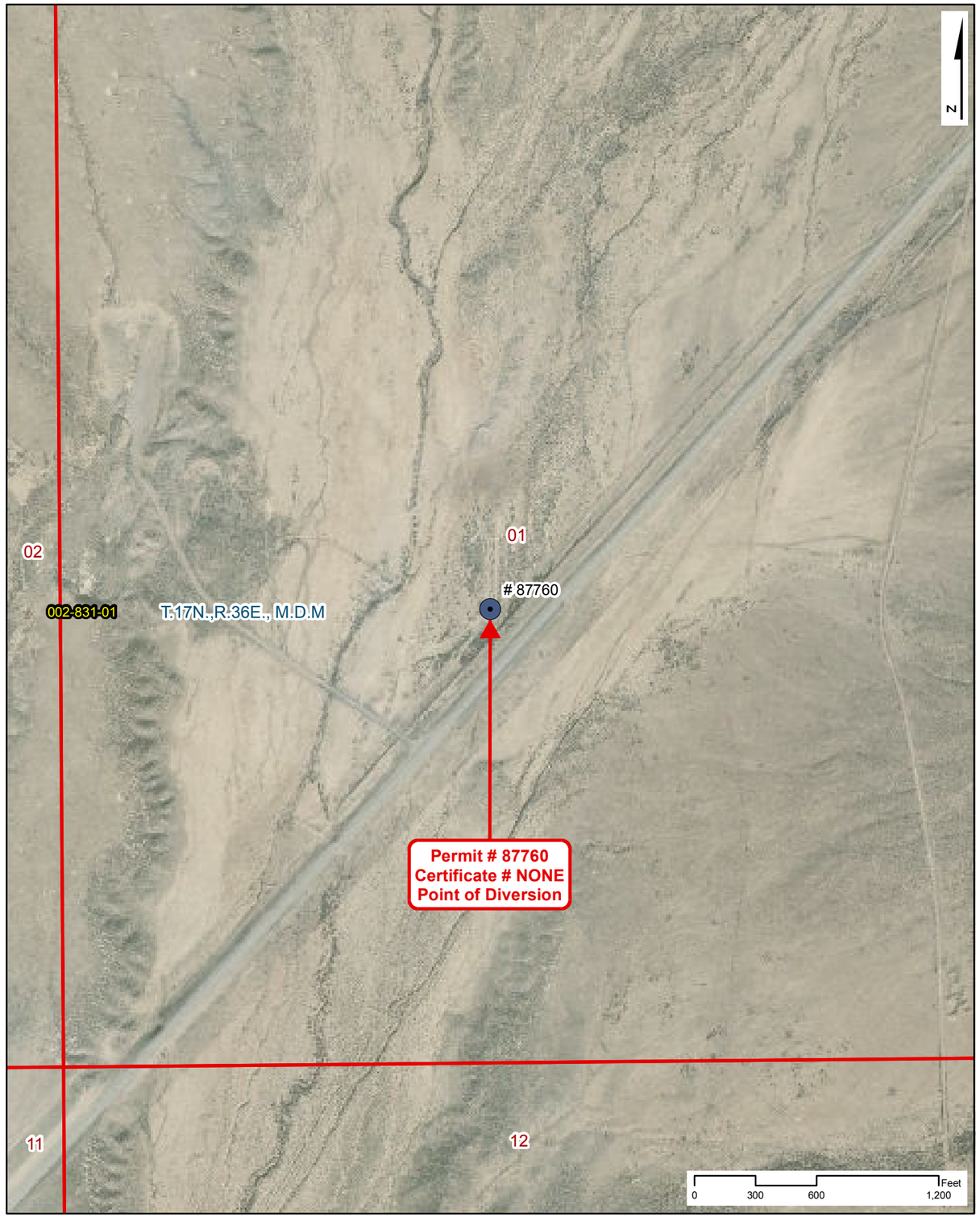
The Proof of Completion for Permit 87760 has a due date of April 5, 2020. The Proof Beneficial Use has a due date of April 5, 2021.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87760 **CERTIFICATE: NONE**

BASIN: Eastgate Valley Area (127) **COUNTY: Churchill**
LATITUDE: 39.36619 **LONGITUDE: -117.880335**
POINT OF DIVERSION: NE1/4,NW1/4, Section 1, T.17N.,R36E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Bench Creek Ranch Co., LLC

PRIORITY DATE: 3/12/2018
PERMIT DATE: 4/5/2019
CERTIFICATE DATE:
DUE DATE: POC - 04/05/20, PBU - 04/05/21

USE UNITS

533 Cattle

SOURCE DESCRIPTION: Underground
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.016 CFS
ALLOWED DUTY: 11.940 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 002-831-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87760
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:48:39 AM

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**UNDERGROUND (CAMP CREEK WELL)**
Basin:	**EASTGATE VALLEY AREA**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**03/12/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. It is further understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to any other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Permits 87759, 87760 and 87761 shall not exceed 11.94 acre-feet annually or sufficient to water 533 head of cattle.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.01666 cubic feet per second and 11.94 acre-feet annually, or sufficient to water 533 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **April 5 2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **April 5 2021**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 5th day of **April, 2019**

Tim Wilson, P.E.

Acting State Engineer

STATE ENGINEER STATE OF NEVADA

Application No. 87760

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office MAR 12 2018

Returned to applicant for correction

Corrected Application filed _____ Map filed MAR 12 2018

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code) _____ (E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

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1. The source of water is Underground (Camp Creek Well)
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet _____
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated _____
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12) _____
   (d) Power:
      (1) Horsepower developed _____
      (2) Point of return of water to stream _____

Revised 06/17

10-127

87760

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the NE¼ SW¼ of Section 1, T.17N., R.36E., M.D.B.&M., or at a point from which the N¼ corner of Section 20, T.18N., R.37E., M.D.B.&M. bears N. 30° 14' 23.24" E., a distance of 21,870.0 feet. (Please see map accompanying this application).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

The proposed place of use is the entire Dixie Valley Grazing Allotment. Please See "Attachment A" accompanying this application, and the map filed under 87619.

7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Well, Pump, Mobile Generators, Pipeline, Steel Holding Tank, and Troughs already in place. No additional works are proposed at this time.

9. Estimated cost of works: $0.00

10. Estimated time required to construct works: N/A - Works complete
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 2 Years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary). (Failure to provide a detailed description may cause a delay in processing.)

Please See "Attachment B".

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2020 MAR 12 PM 2:14
STATE ENGINEER'S OFFICE

13. Miscellaneous remarks:

Please See "Attachment B".

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3032 Silver Sage Dr., STE 101
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

Revised 06/17 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

Attachment A

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2018 MAR 12 PM 2:18
STATE ENGINEER

PROPOSED PLACE OF USE

DIXIE VALLEY GRAZING ALLOTMENT

T. 23 N., R. 34 E. –	*SECTIONS 14 (POR), 15 (POR), 21 (POR), 22, 23 (POR), 24 (POR), 25 (POR), 26, 27, 28 (POR), 29 (POR), 32 (POR), 33, 34, 35, 36 (POR)*
T. 22 N., R. 33 E. –	*SECTIONS 24 (POR), 25 (POR), 35 (POR), 36 (POR)*
T. 22 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 8 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16, 17 (POR), 18(POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 22 N., R. 35 E. –	*SECTIONS 6 (POR), 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29, 30, 31, 32*
T. 21 N., R. 33 E. –	*SECTIONS 1, 2 (POR), 10 (POR), 11 (POR), 12, 13, 14 (POR), 23 (POR), 24, 25, 26 (POR), 35 (POR), 36 (POR)*
T. 21 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 (POR), 32 (POR), 33, 34, 35, 36*
T. 21 N., R. 35 E. –	*SECTIONS 5, 6, 7, 8, 17, 18, 19, 20, 30, 31*
T. 20 N., R. 33-½ E. –	*SECTION 36 (POR)*
T. 20 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5 (POR), 6 (POR), 7 (POR), 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 (POR), 31 (POR), 32, 33, 34, 35, 36*
T. 20 N., R. 35 E. –	*SECTIONS 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 20 N., R. 36 E. –	*SECTIONS 7 (POR), 16 (POR), 17 (POR), 18 (POR), 19, 20, 21 (POR), 28 (POR), 29, 30, 31, 32, 33 (POR)*
T. 19 N., R. 33-½ E. –	*SECTIONS 1 (POR), 12 (POR), 13 (POR)*
T. 19 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 20 (POR), 21 (POR), 22, 23, 24, 25, 26, 27 (POR), 28 (POR), 34 (POR), 35, 36*
T. 19 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 19 N., R. 36 E. –	*SECTIONS 3 (POR), 4 (POR), 5, 6, 7, 8, 9, 10 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21, 22, 23 (POR), 26 (POR), 27, 28, 29, 30, 31, 32, 33, 34, 35 (POR), 36 (POR)*

T. 18 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16 (POR), 21 (POR), 22, 23, 24, 25, 26, 27, 28 (POR), 33 (POR), 34, 35, 36*
T. 18 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 18 N., R. 36 E. –	*SECTIONS 1 (POR), 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 18 N., R. 37 E. –	*SECTIONS 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29 (POR), 30 (POR), 31 (POR)*
T. 17 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15 (POR), 16 (POR), 22 (POR), 23, 24, 25, 26, 27 (POR), 28 (POR), 33 (POR), 34, 35, 36*
T. 17 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 (POR), 35 (POR), 36 (POR),*
T. 17 N., R. 36 E. –	*SECTIONS 1 (POR), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21 (POR), 22 (POR), 28 (POR), 29 (POR), 30, 31 (POR), 32 (POR)*
T. 17 N., R. 37 E. –	*SECTION 6 (POR)*
T. 16 N., R. 34 E. –	*SECTIONS 1 (POR), 2 (POR), 3 (POR), 4 (POR), 5 (POR)*
T. 16 N., R. 35 E. –	*SECTIONS 3 (POR), 4 (POR), 5 (POR), 6 (POR)*

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

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Attachment B

12. Provide a detailed description of the proposed project and its water usage.

The well location is within the Dixie Valley Grazing Allotment. This well has historically been used for stockwater to serve animals within the Dixie Valley Grazing Allotment. The date of installation of the well and diversion works is unknown; however, a field visit revealed that the well has been in use for quite some time (prior to acquisition of the Grazing allotment by the Applicant).

Currently this well is used to supply water for stock within the Dixie Valley Grazing Allotment using mobile generators. A mobile generator is hooked up to the well and pumps water into a steel holding tank and trough system. The trough has a float shutoff system to prevent waste. Alternatively water can be placed into a water truck for delivery to any number of troughs within the Dixie Valley Grazing Allotment. For this reason the entire proposed POU is the entire Dixie Valley Grazing Allotment.

13. Miscellaneous remarks:

Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA

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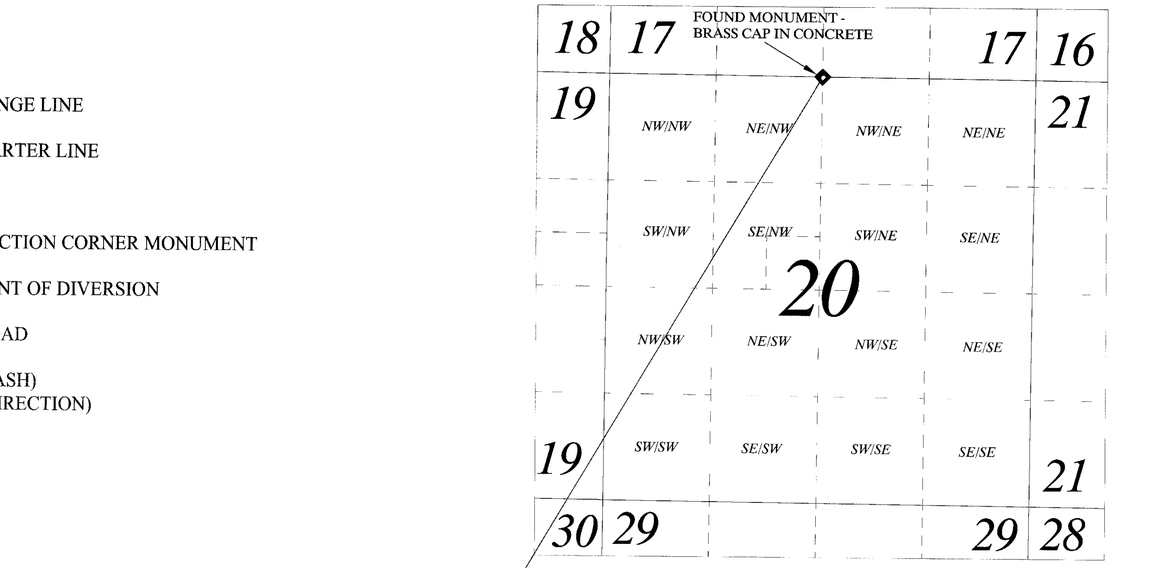
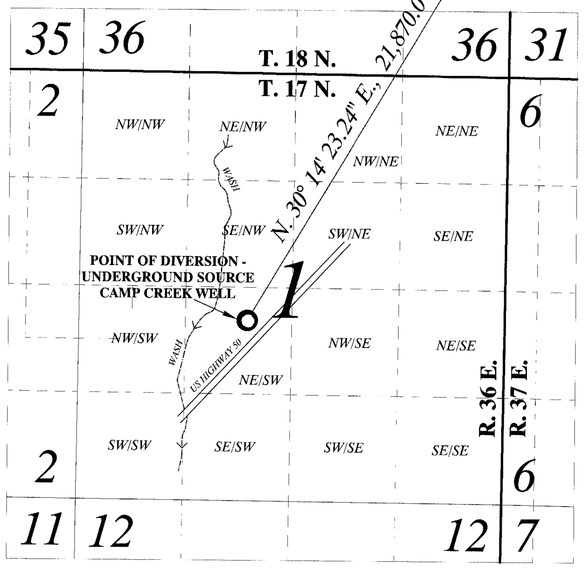
LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- FOUND (1/4) SECTION CORNER MONUMENT
- PROPOSED POINT OF DIVERSION
- IDENTIFIED ROAD
- DRAINAGE (WASH) (WITH FLOW DIRECTION)



PORTIONS OF TOWNSHIP 18 NORTH, RANGE 37 EAST, M.D.B.&M.



PORTIONS OF TOWNSHIP 17 NORTH, RANGE 36 EAST, M.D.B.&M.

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. SURVEYOR GENERAL'S OFFICE SURVEY DATED JANUARY 15, 1915 FOR T. 17 N., R. 36 E., M.D.B. & M. AND FROM A U.S. SURVEYOR GENERAL'S OFFICE SURVEY DATED JANUARY 15, 1915 FOR T. 18 N., R. 37 E., M.D.B. & M.

Stanka Consulting, LTD
A Professional Engineering Company

3032 Silver Sage Drive, Suite 101
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

STATE OF NEVADA }
COUNTY OF CARSON CITY } SS

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION OF AN UNDERGROUND SOURCE (CAMP CREEK WELL), LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER STATE OF NEVADA — CHRISTOPHER G. MOLTZ — Exp. 12/31/19 — CIVIL — No. 023135 — 2018

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 12 DAY OF March, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON NOTARY PUBLIC STATE OF NEVADA No. 15-2852-3 My Appt. Exp. Sept. 4, 2019

UNDERGROUND SOURCE (CAMP CREEK WELL)

PROPOSED POINT OF DIVERSION

WITHIN THE NE¼ SW¼ OF SECTION 1, T.17N., R.36E., M.D.B.&M., OR AT A POINT FROM WHICH THE N¼ CORNER OF SECTION 20, T.18N., R.37E., M.D.B.&M. BEARS N. 30º 14' 23.24" E., A DISTANCE OF 21,870.0 FEET.

PROPOSED PLACE OF USE

DIXIE VALLEY GRAZING ALLOTMENT (PLEASE SEE "ATTACHMENT A" ACCOMPANYING THIS APPLICATION, AND MAP FILED UNDER 87619)

PROPOSED MANNER OF USE

STOCKWATER

SCALE
1,000 0 500 1,000 2,000 4,000 FEET
1 inch = 1,000 feet

N

GPS COORDINATES [NAD 83]

N1/4 CORNER OF SECTION 20, T. 18 N., R. 37 E., M.D.B.&M.	*N 39° 25' 5.05" W 117° 50' 29.17"*
PROPOSED POD - CAMP CREEK WELL	*N 39° 21' 58.29" W 117° 52' 49.41"*

MARCH 11, 2018 *Sheet 1 of 1*

STATE ENGINEER'S USE

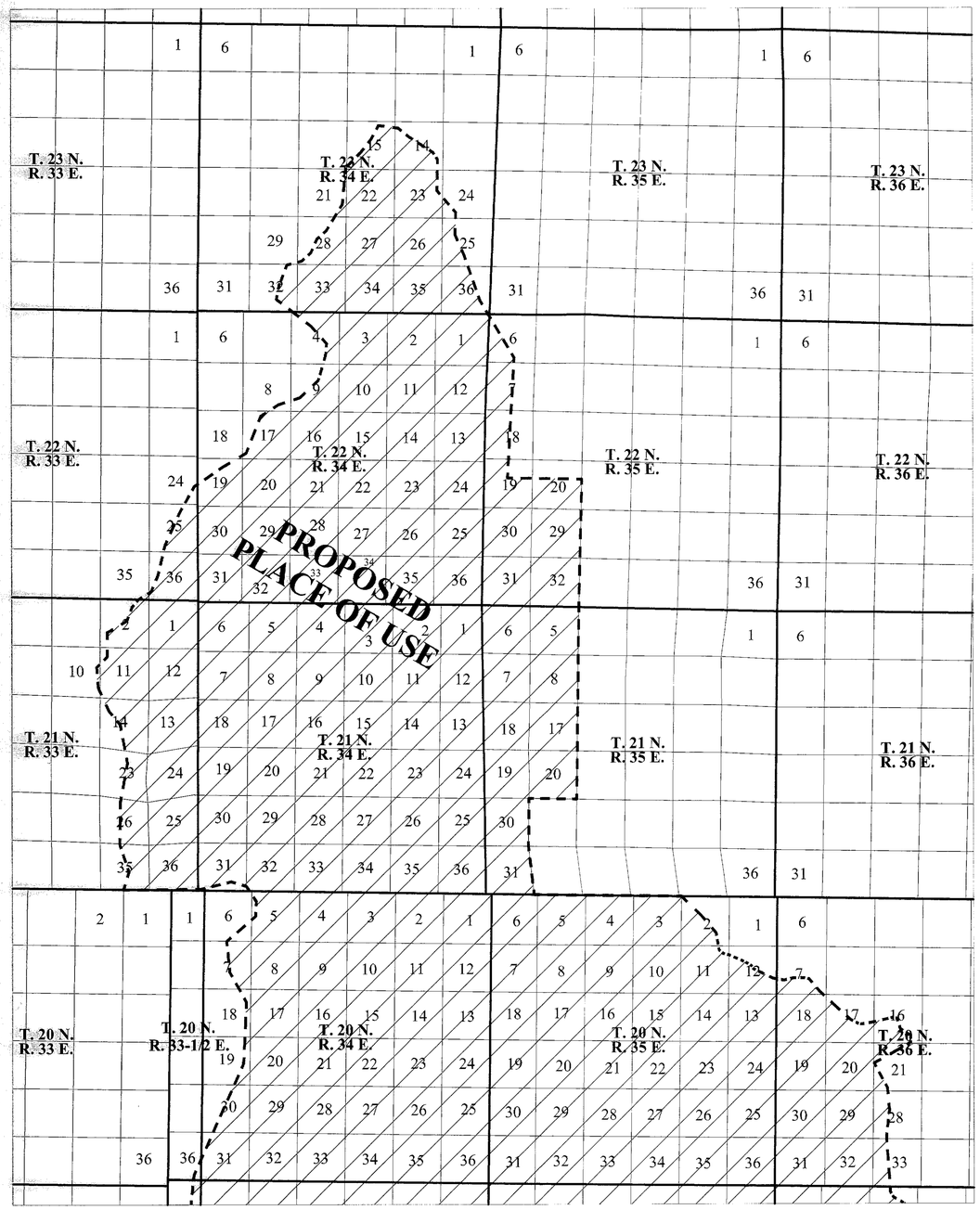
87760

FILED
MAR 12 2018
STATE ENGINEER'S OFFICE

RECEIVED
2018 MAR 12 PM 2:47
STATE ENGINEER

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (CAMP CREEK WELL)
IN
CHURCHILL COUNTY, NEVADA

87760



PORTIONS OF TOWNSHIP 20 NORTH, RANGE 33, 33-1/2, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 21 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 22 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 23 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.

LEGEND

SECTION LINE

TOWNSHIP / RANGE LINE

PROPOSED PLACE OF USE

N

SCALE

8,000 0 4,000 8,000 16,000 32,000 FEET

1 inch = 8,000 feet

STATE OF NEVADA
COUNTY OF CARSON CITY } SS

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF TWO SHEETS HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED PLACE OF USE OF AN UNDERGROUND SOURCE (CHALK MTN. WELL), LOCATED IN CHURCHILL COUNTY BY THE BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER – STATE OF NEVADA – CHRISTOPHER G. MOLTZ – Exp. 12/31/19 – CIVIL – No. 023133

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 29 DAY OF January, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON – NOTARY PUBLIC – STATE OF NEVADA – No. 15-2952-3 – My Appt. Exp. Sept. 4, 2019

UNDERGROUND SOURCE (CHALK MTN. WELL)

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ SW¼ OF SECTION 36, T. 17 N., R. 34 E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SAID SECTION 36 BEARS S. 84º 40' 27" E, A DISTANCE OF 4,740.50 FEET. (PLEASE SEE MAP FILED UNDER 44344).

PROPOSED PLACE OF USE (PART 1 OF 2)

DIXIE VALLEY GRAZING ALLOTMENT

- *T. 23 N., R. 34 E. - SECTIONS 14 (POR), 15 (POR), 21 (POR), 22, 23 (POR), 24 (POR), 25 (POR), 26, 27, 28 (POR), 29 (POR), 32 (POR), 33, 34, 35, 36 (POR)*
- *T. 22 N., R. 33 E. - SECTIONS 24 (POR), 25 (POR), 35 (POR), 36 (POR)*
- *T. 22 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 8 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16, 17 (POR), 18(POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 22 N., R. 35 E. - SECTIONS 6 (POR), 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29, 30, 31, 32*
- *T. 21 N., R. 33 E. - SECTIONS 1, 2 (POR), 10 (POR), 11 (POR), 12, 13, 14 (POR), 23 (POR), 24, 25, 26 (POR), 35 (POR), 36 (POR)*
- *T. 21 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 (POR), 32 (POR), 33, 34, 35, 36*
- *T. 21 N., R. 35 E. - SECTIONS 5, 6, 7, 8, 17, 18, 19, 20, 30, 31*
- *T. 20 N., R. 33-½ E. - SECTION 36 (POR)*
- *T. 20 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5 (POR), 6 (POR), 7 (POR), 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 (POR), 31 (POR), 32, 33, 34, 35, 36*
- *T. 20 N., R. 35 E. - SECTIONS 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 20 N., R. 36 E. - SECTIONS 7 (POR), 16 (POR), 17 (POR), 18 (POR), 19, 20, 21 (POR), 28 (POR), 29, 30, 31, 32, 33 (POR)*

...

PROPOSED PLACE OF USE CONTINUED ON SHEET 2 OF 2.

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

JANUARY 29, 2018 *Sheet 1 of 2*

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STATE ENGINEER'S USE 87619

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JAN 29 2018
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (CHALK MTN. WELL)
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3032 Silver Sage Drive, Suite 101
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

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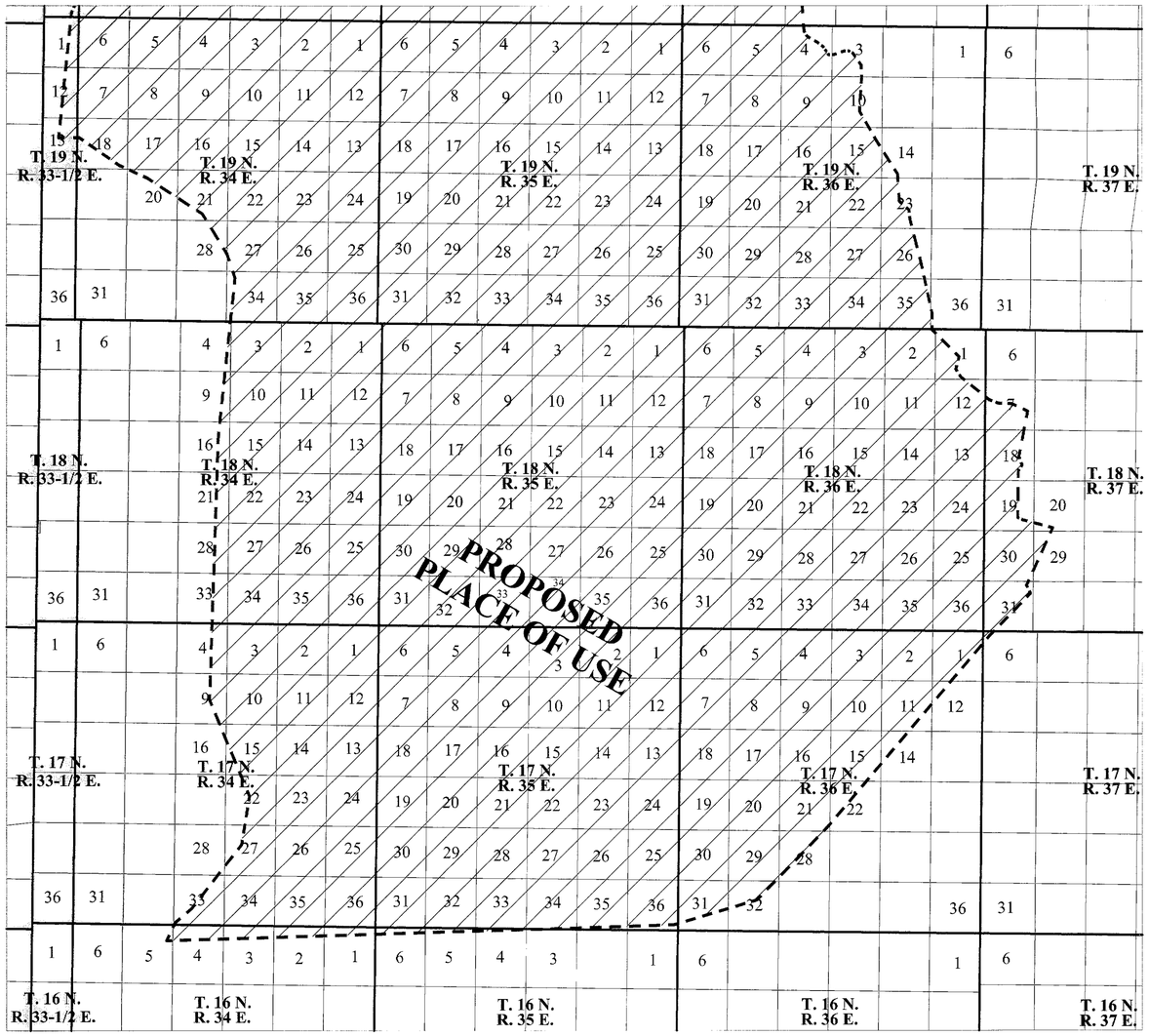
87880 87771 87770 87761 87760 87676 87619



PORTIONS OF TOWNSHIP 19 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 18 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 17 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 16 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.

LEGEND

SECTION LINE

TOWNSHIP / RANGE LINE

PROPOSED PLACE OF USE

SCALE

8,000 0 4,000 8,000 16,000 32,000 FEET

1 inch = 8,000 feet

N

UNDERGROUND SOURCE (CHALK MTN. WELL)

PROPOSED PLACE OF USE (PART 2 OF 2)

DIXIE VALLEY GRAZING ALLOTMENT

PROPOSED PLACE OF USE CONTINUED FROM SHEET 1 OF 2.

- *T. 19 N., R. 33-½ E. - SECTIONS 1 (POR), 12 (POR), 13 (POR)*
- *T. 19 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 20 (POR), 21 (POR), 22, 23, 24, 25, 26, 27 (POR), 28 (POR), 34 (POR), 35, 36*
- *T. 19 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 19 N., R. 36 E. - SECTIONS 3 (POR), 4 (POR), 5, 6, 7, 8, 9, 10 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21, 22, 23 (POR), 26 (POR), 27, 28, 29, 30, 31, 32, 33, 34, 35 (POR), 36 (POR)*
- *T. 18 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16 (POR), 21 (POR), 22, 23, 24, 25, 26, 27, 28 (POR), 33 (POR), 34, 35, 36*
- *T. 18 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 18 N., R. 36 E. - SECTIONS 1 (POR), 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 18 N., R. 37 E. - SECTIONS 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29 (POR), 30 (POR), 31 (POR)*
- *T. 17 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15 (POR), 16 (POR), 22 (POR), 23, 24, 25, 26, 27 (POR), 28 (POR), 33 (POR), 34, 35, 36*
- *T. 17 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 (POR), 35 (POR), 36 (POR),*
- *T. 17 N., R. 36 E. - SECTIONS 1 (POR), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21 (POR), 22 (POR), 28 (POR), 29 (POR), 30, 31 (POR), 32 (POR)*
- *T. 17 N., R. 37 E. - SECTION 6 (POR)*
- *T. 16 N., R. 34 E. - SECTIONS 1 (POR), 2 (POR), 3 (POR), 4 (POR), 5 (POR)*
- *T. 16 N., R. 35 E. - SECTIONS 3 (POR), 4 (POR), 5 (POR), 6 (POR)*

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

Referenced Survey Documents for Distance and Bearings

Township	Range	Meridian	Document Type	Office	Date of Document
T. 16 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 36 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 16 N.	R. 37 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 17 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 17 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 17 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	7/31/1917
T. 17 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	1/15/1915
T. 17 N.	R. 37 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 18 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 36 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
			Survey Plat	B.L.M.	3/14/1968
T. 18 N.	R. 37 E.	M.D.B.&M.	Survey Plat	US Surveyor General	1/15/1915
T. 19 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 19 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 19 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US General Land Office	4/29/1940
T. 19 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US General Land Office	6/29/1931
T. 19 N.	R. 37 E.	M.D.B.&M.	Dependent Resurvey	B.L.M.	6/25/1973
T. 20 N.	R. 33 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	8/29/1917
T. 21 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 21 N.	R. 34 E.	M.D.B.&M.	Survey Plat	US General Land Office	10/3/1930
T. 21 N.	R. 35 E.	M.D.B.&M.	Dependent Resurvey	B.L.M.	10/31/1973
T. 21 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882
T. 22 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 22 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	10/26/1964
T. 22 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 22 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882
T. 23 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 23 N.	R. 34 E.	M.D.B.&M.	Survey Plat	US General Land Office	4/1/1935
T. 23 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 23 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882

Stanka Consulting, LTD
A Professional Engineering Company

3032 Silver Sage Drive, Suite 101
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z:\7.91 BENCH CREEK RANCH\03 CHRIS

STATE ENGINEER'S USE

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STATE ENGINEER'S OFFICE

JANUARY 29, 2018 *Sheet 2 of 2*

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (CHALK MTN. WELL)
IN
CHURCHILL COUNTY, NEVADA

87880 87771 87770 87761 87760 87676 87619

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 87760
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Permit 87761

BASIN: Eastgate Valley Area (127) **COUNTY:** Churchill

LATITUDE: 39.400413 **LONGITUDE:** -117.888690

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	03/12/2018
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	NE¼NE¼ Section 26, T.18N., R.36E., M.D.M.
MANNER OF USE:	STK
PLACE OF USE:	Dixie Valley Grazing Allotment
DIVERSION RATE:	0.016 cfs
ALLOWED DUTY:	11.94 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATES:	POC due 04/05/2020
	PBU due 04/05/2021
REMARKS:	Lone Tree Well

POD PARCEL:	Churchill County APN 003-131-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Multiple
POU PARCEL OWNER:	Multiple

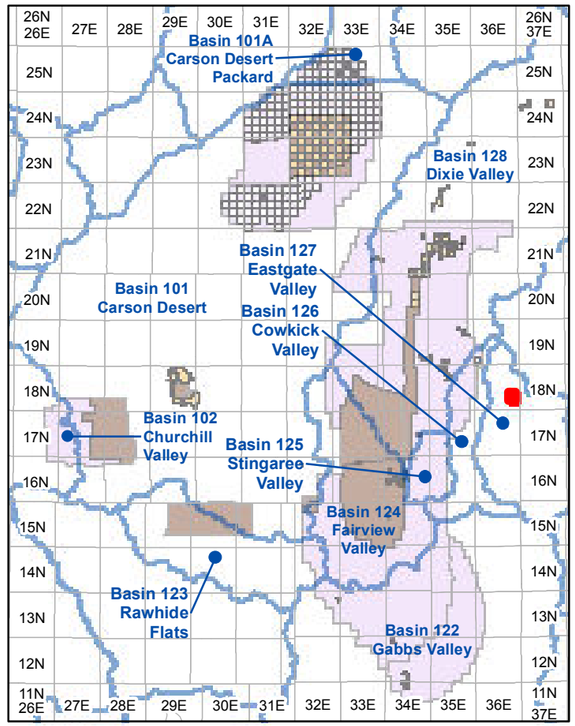
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Permit 87761

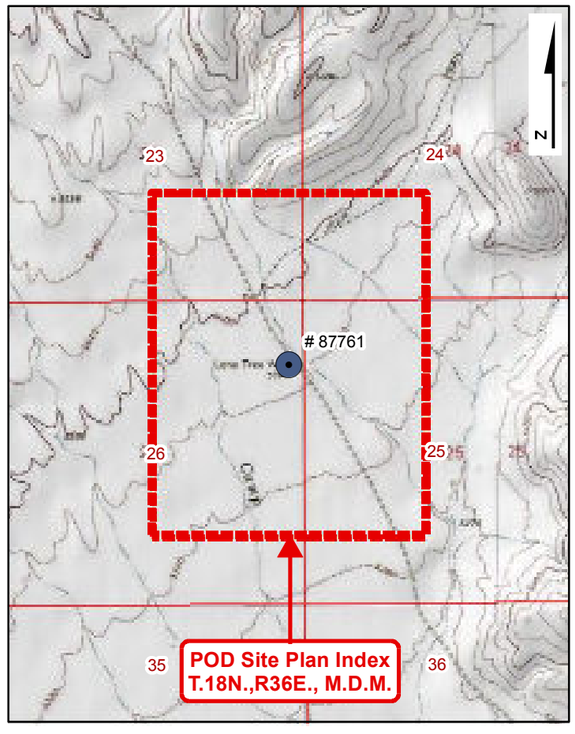
The current owner of Permit 87761 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on April 5, 2019. It has a priority date of March 12, 2018 with an allowed diversion rate of 0.0166 CFS. The permitted manner of use is for stock-watering purposes. The total combined duty of water under Permit 87759, 87760 and 87761 shall not exceed 11.94 acre-feet annually. The allowed period of use is from January 1 through December 31.

The point of diversion is located within the NE¼NE¼ Section 26, Township 18N, Range 36E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County, the same as listed in the table for Permit 87619.

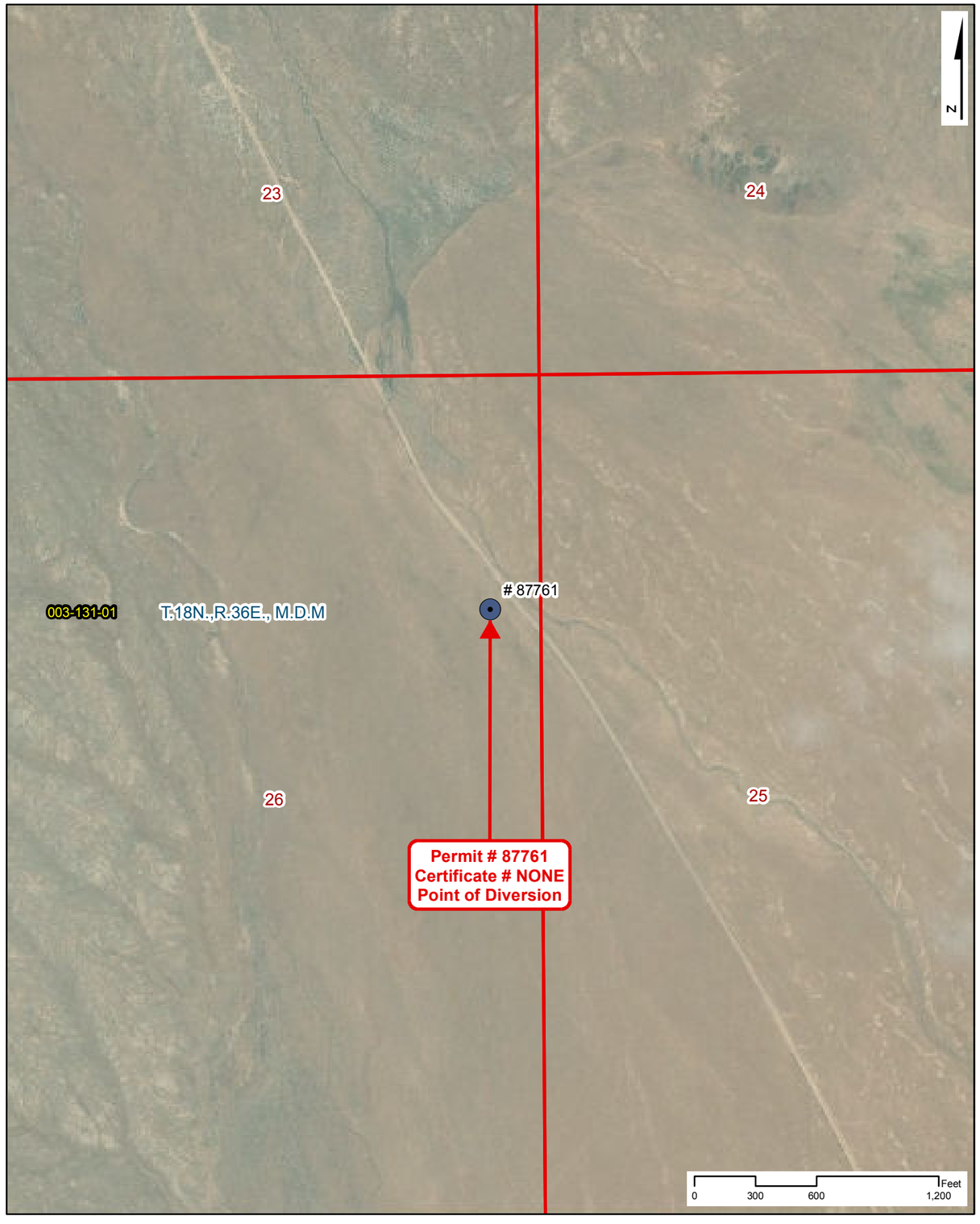
The Proof of Completion for Permit 87761 has a due date of April 5, 2020. The Proof Beneficial Use has a due date of April 5, 2021.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87761 **CERTIFICATE: NONE**

BASIN: Eastgate Valley Area (127) **COUNTY: Churchill**
LATITUDE: 39.400413 **LONGITUDE: -117.88869**
POINT OF DIVERSION: NE1/4,NE1/4, Section 26, T.18N.,R36E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Bench Creek Ranch Co., LLC

PRIORITY DATE: 3/12/2018
PERMIT DATE: 4/5/2019
CERTIFICATE DATE:
DUE DATE: POC - 04/05/20, PBU - 04/05/21

USE UNITS

533 Cattle

SOURCE DESCRIPTION: Underground
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.016 CFS
ALLOWED DUTY: 11.940 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-131-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87761
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:48:42 AM

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**UNDERGROUND (LONE TREE WELL)**
Basin:	**EASTGATE VALLEY AREA**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**03/12/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. It is further understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to any other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Permits 87759, 87760 and 87761 shall not exceed 11.94 acre-feet annually or sufficient to water 533 head of cattle.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.01666 cubic feet per second and 11.94 acre-feet annually, or sufficient to water 533 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **April 5 2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **April 5 2021**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 5th day of **April, 2019**

Tim Wilson, P.E.

Acting State Engineer

STATE ENGINEER STATE OF NEVADA

Application No. 87761

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office MAR 12 2018

Returned to applicant for correction

Corrected Application filed ____ Map filed MAR 12 2018

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code)

(E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC, is a Domestic Limited- Liability Company registered in Nevada since 2006.

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1. The source of water is Underground (Lone Tree Well)
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12)
   (d) Power:
      (1) Horsepower developed
      (2) Point of return of water to stream

Revised 06/17

10-127
ch

87761

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the NE¼ NE¼ of Section 26, T.18N., R.36E., M.D.B.&M., or at a point from which the N¼ corner of Section 20, T.18N., R.37E., M.D.B.&M. bears N. 64° 17' 53.49" E., a distance of 14,820.7 feet. (Please see map accompanying this application).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

The proposed place of use is the entire Dixie Valley Grazing Allotment. Please See "Attachment A" accompanying this application, and the map filed under 87619.

7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Well, Pump, and electrical is already in place. Mobile generators will be brought in to use the well. No additional works are proposed at this time.

9. Estimated cost of works: $0.00

10. Estimated time required to construct works: N/A - Works complete
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 2 Years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Please See "Attachment B".

RECEIVED
2018 FEB 12 PM 2:50

13. Miscellaneous remarks:

Please See "Attachment B".

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3032 Silver Sage Dr., STE 101
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

Revised 06/17 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

Attachment A

PROPOSED PLACE OF USE

DIXIE VALLEY GRAZING ALLOTMENT

T. 23 N., R. 34 E. –	*SECTIONS 14 (POR), 15 (POR), 21 (POR), 22, 23 (POR), 24 (POR), 25 (POR), 26, 27, 28 (POR), 29 (POR), 32 (POR), 33, 34, 35, 36 (POR)*
T. 22 N., R. 33 E. –	*SECTIONS 24 (POR), 25 (POR), 35 (POR), 36 (POR)*
T. 22 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 8 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16, 17 (POR), 18(POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 22 N., R. 35 E. –	*SECTIONS 6 (POR), 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29, 30, 31, 32*
T. 21 N., R. 33 E. –	*SECTIONS 1, 2 (POR), 10 (POR), 11 (POR), 12, 13, 14 (POR), 23 (POR), 24, 25, 26 (POR), 35 (POR), 36 (POR)*
T. 21 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 (POR), 32 (POR), 33, 34, 35, 36*
T. 21 N., R. 35 E. –	*SECTIONS 5, 6, 7, 8, 17, 18, 19, 20, 30, 31*
T. 20 N., R. 33-½ E. –	*SECTION 36 (POR)*
T. 20 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5 (POR), 6 (POR), 7 (POR), 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 (POR), 31 (POR), 32, 33, 34, 35, 36*
T. 20 N., R. 35 E. –	*SECTIONS 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 20 N., R. 36 E. –	*SECTIONS 7 (POR), 16 (POR), 17 (POR), 18 (POR), 19, 20, 21 (POR), 28 (POR), 29, 30, 31, 32, 33 (POR)*
T. 19 N., R. 33-½ E. –	*SECTIONS 1 (POR), 12 (POR), 13 (POR)*
T. 19 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 20 (POR), 21 (POR), 22, 23, 24, 25, 26, 27 (POR), 28 (POR), 34 (POR), 35, 36*
T. 19 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 19 N., R. 36 E. –	*SECTIONS 3 (POR), 4 (POR), 5, 6, 7, 8, 9, 10 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21, 22, 23 (POR), 26 (POR), 27, 28, 29, 30, 31, 32, 33, 34, 35 (POR), 36 (POR)*

T. 18 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16 (POR), 21 (POR), 22, 23, 24, 25, 26, 27, 28 (POR), 33 (POR), 34, 35, 36*
T. 18 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 18 N., R. 36 E. –	*SECTIONS 1 (POR), 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 18 N., R. 37 E. –	*SECTIONS 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29 (POR), 30 (POR), 31 (POR)*
T. 17 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15 (POR), 16 (POR), 22 (POR), 23, 24, 25, 26, 27 (POR), 28 (POR), 33 (POR), 34, 35, 36*
T. 17 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 (POR), 35 (POR), 36 (POR),*
T. 17 N., R. 36 E. –	*SECTIONS 1 (POR), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21 (POR), 22 (POR), 28 (POR), 29 (POR), 30, 31 (POR), 32 (POR)*
T. 17 N., R. 37 E. –	*SECTION 6 (POR)*
T. 16 N., R. 34 E. –	*SECTIONS 1 (POR), 2 (POR), 3 (POR), 4 (POR), 5 (POR)*
T. 16 N., R. 35 E. –	*SECTIONS 3 (POR), 4 (POR), 5 (POR), 6 (POR)*

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

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Attachment B

12. Provide a detailed description of the proposed project and its water usage.

The well location is within the Dixie Valley Grazing Allotment. This well was installed as BLM Project No. 555 (Lone Tree Well) in 1967 (according to an Aluminum BLM Stamped Cap found at the well's location during a field visit to the well in January of 2018). A photo of the BLM project marker has been attached to this application.

This well will be used to supply water for stock within the Dixie Valley Grazing Allotment using mobile generators. Water will be placed into a water truck for delivery to any number of troughs within the Dixie Valley Grazing Allotment. For this reason the entire proposed POU is the entire Dixie Valley Grazing Allotment.

13. Miscellaneous remarks:

Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA

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LEGEND

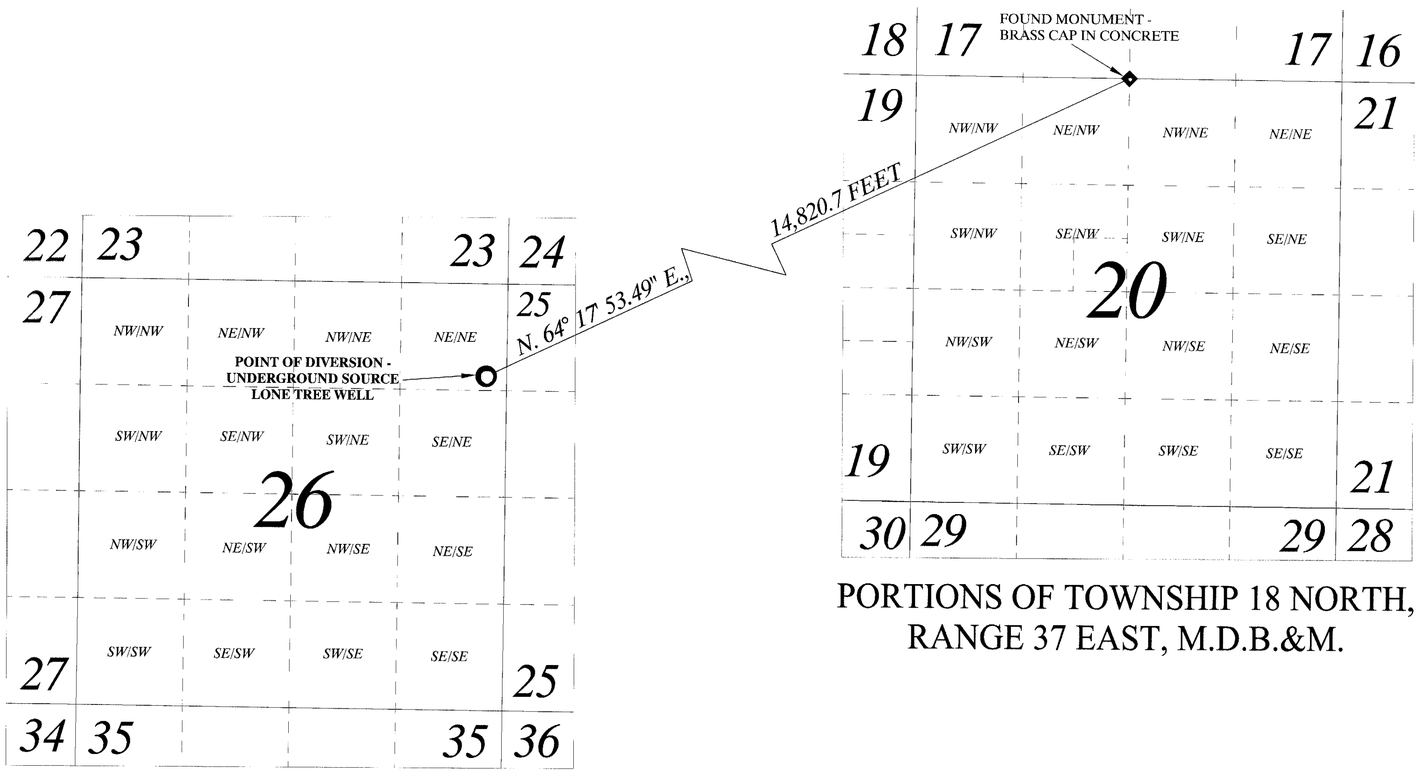
TOWNSHIP-RANGE LINE

QUARTER-QUARTER LINE

SECTION LINE

FOUND (1/4) SECTION CORNER MONUMENT

PROPOSED POINT OF DIVERSION



PORTIONS OF TOWNSHIP 18 NORTH, RANGE 37 EAST, M.D.B.&M.

PORTIONS OF TOWNSHIP 18 NORTH, RANGE 36 EAST, M.D.B.&M.

STATE OF NEVADA }
COUNTY OF CARSON CITY } SS

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION OF AN UNDERGROUND SOURCE (LONE TREE WELL), LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER STATE OF NEVADA CHRISTOPHER G. MOLTZ Exp. 12/31/19 CIVIL No. 023133

SUBSCRIBED AND SWORN TO BEFORE ME THIS 12 DAY OF March, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.

MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON NOTARY PUBLIC STATE OF NEVADA No. 15-2952-3 My Appt. Exp. Sept. 4, 2019

UNDERGROUND SOURCE (LONE TREE WELL)

PROPOSED POINT OF DIVERSION

WITHIN THE NE¼ NE¼ OF SECTION 26, T.18N., R.36E., M.D.B.&M., OR AT A POINT FROM WHICH THE N¼ CORNER OF SECTION 20, T.18N., R.37E., M.D.B.&M. BEARS N. 64º 17 53.49" E., A DISTANCE OF 14,820.7 FEET.

PROPOSED PLACE OF USE

DIXIE VALLEY GRAZING ALLOTMENT (PLEASE SEE "ATTACHMENT A" ACCOMPANYING THIS APPLICATION, AND MAP FILED UNDER 87619)

PROPOSED MANNER OF USE

STOCKWATER

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

1 inch = 1,000 feet

N

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. BUREAU OF LAND MANAGEMENT SURVEY DATED MARCH 14, 1968 FOR T. 18 N., R. 36 E., M.D.B. & M. AND FROM A U.S. SURVEYOR GENERAL'S OFFICE SURVEY DATED JANUARY 15, 1915 FOR T. 18 N., R. 37 E., M.D.B. & M.

GPS COORDINATES [NAD 83]

N1/4 CORNER OF SECTION 20, T. 18 N., R. 37 E., M.D.B.&M.	*N 39° 25' 5.05" W 117° 50' 29.17"*
PROPOSED POD - LONE TREE WELL	*N 39° 24' 1.49" W 117° 53' 19.29"*

Stanka Consulting, LTD
A Professional Engineering Company

3032 Silver Sage Drive, Suite 101
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

FEBRUARY 16, 2018 *Sheet 1 of 1*

STATE ENGINEER'S USE

87761

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MAR 12 2018
STATE ENGINEER'S OFFICE

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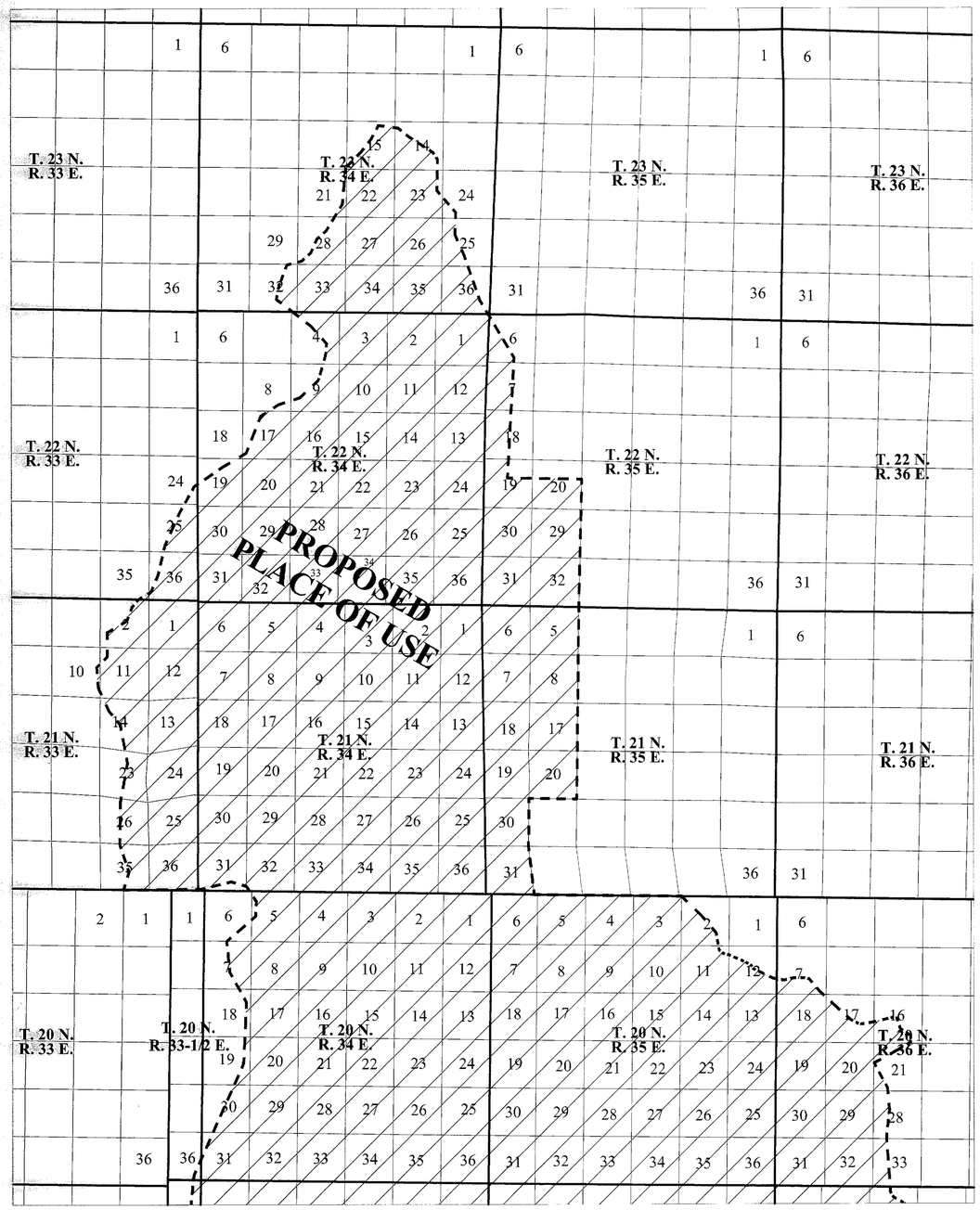
MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (LONE TREE WELL)
IN
CHURCHILL COUNTY, NEVADA

87761



PORTIONS OF TOWNSHIP 20 NORTH, RANGE 33, 33-1/2, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 21 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 22 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 23 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.

LEGEND

SECTION LINE

TOWNSHIP / RANGE LINE

PROPOSED PLACE OF USE

N

SCALE

8,000 0 4,000 8,000 16,000 32,000 FEET

1 inch = 8,000 feet

STATE OF NEVADA
COUNTY OF CARSON CITY } SS

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF TWO SHEETS HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED PLACE OF USE OF AN UNDERGROUND SOURCE (CHALK MTN. WELL), LOCATED IN CHURCHILL COUNTY BY THE BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER – STATE OF NEVADA – CHRISTOPHER G. MOLTZ – Exp. 12/31/19 – CIVIL – No. 023133

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 29 DAY OF January, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON – NOTARY PUBLIC – STATE OF NEVADA – No. 15-2952-3 – My Appt. Exp. Sept. 4, 2019

UNDERGROUND SOURCE (CHALK MTN. WELL)

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ SW¼ OF SECTION 36, T. 17 N., R. 34 E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SAID SECTION 36 BEARS S. 84º 40' 27" E, A DISTANCE OF 4,740.50 FEET. (PLEASE SEE MAP FILED UNDER 44344).

PROPOSED PLACE OF USE (PART 1 OF 2)

DIXIE VALLEY GRAZING ALLOTMENT

- *T. 23 N., R. 34 E. - SECTIONS 14 (POR), 15 (POR), 21 (POR), 22, 23 (POR), 24 (POR), 25 (POR), 26, 27, 28 (POR), 29 (POR), 32 (POR), 33, 34, 35, 36 (POR)*
- *T. 22 N., R. 33 E. - SECTIONS 24 (POR), 25 (POR), 35 (POR), 36 (POR)*
- *T. 22 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 8 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16, 17 (POR), 18(POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 22 N., R. 35 E. - SECTIONS 6 (POR), 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29, 30, 31, 32*
- *T. 21 N., R. 33 E. - SECTIONS 1, 2 (POR), 10 (POR), 11 (POR), 12, 13, 14 (POR), 23 (POR), 24, 25, 26 (POR), 35 (POR), 36 (POR)*
- *T. 21 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 (POR), 32 (POR), 33, 34, 35, 36*
- *T. 21 N., R. 35 E. - SECTIONS 5, 6, 7, 8, 17, 18, 19, 20, 30, 31*
- *T. 20 N., R. 33-½ E. - SECTION 36 (POR)*
- *T. 20 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5 (POR), 6 (POR), 7 (POR), 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 (POR), 31 (POR), 32, 33, 34, 35, 36*
- *T. 20 N., R. 35 E. - SECTIONS 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 20 N., R. 36 E. - SECTIONS 7 (POR), 16 (POR), 17 (POR), 18 (POR), 19, 20, 21 (POR), 28 (POR), 29, 30, 31, 32, 33 (POR)*

...

PROPOSED PLACE OF USE CONTINUED ON SHEET 2 OF 2.

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

JANUARY 29, 2018 *Sheet 1 of 2*

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JAN 29 2018
STATE ENGINEER'S OFFICE

STATE ENGINEER'S USE 87619

FILED
JAN 29 2018
STATE ENGINEER'S OFFICE

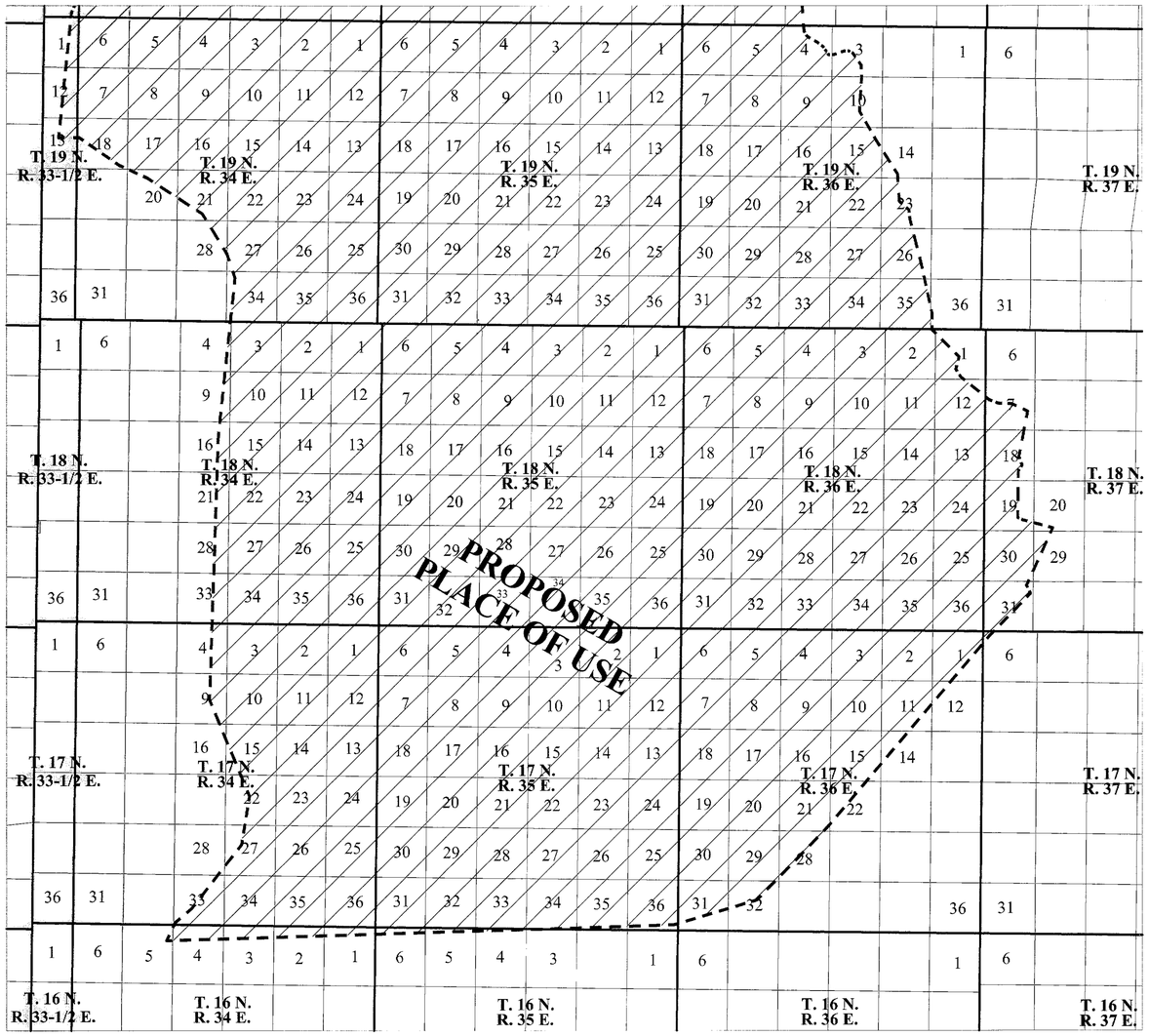
MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (CHALK MTN. WELL)
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3032 Silver Sage Drive, Suite 101
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87880 87771 87770 87761 87760 87676 87619



PORTIONS OF TOWNSHIP 19 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 18 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 17 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 16 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.

LEGEND

SECTION LINE

TOWNSHIP / RANGE LINE

PROPOSED PLACE OF USE

SCALE

8,000 0 4,000 8,000 16,000 32,000 FEET

1 inch = 8,000 feet

N

UNDERGROUND SOURCE (CHALK MTN. WELL)

PROPOSED PLACE OF USE (PART 2 OF 2)

DIXIE VALLEY GRAZING ALLOTMENT

PROPOSED PLACE OF USE CONTINUED FROM SHEET 1 OF 2.

- *T. 19 N., R. 33-½ E. - SECTIONS 1 (POR), 12 (POR), 13 (POR)*
- *T. 19 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 20 (POR), 21 (POR), 22, 23, 24, 25, 26, 27 (POR), 28 (POR), 34 (POR), 35, 36*
- *T. 19 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 19 N., R. 36 E. - SECTIONS 3 (POR), 4 (POR), 5, 6, 7, 8, 9, 10 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21, 22, 23 (POR), 26 (POR), 27, 28, 29, 30, 31, 32, 33, 34, 35 (POR), 36 (POR)*
- *T. 18 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16 (POR), 21 (POR), 22, 23, 24, 25, 26, 27, 28 (POR), 33 (POR), 34, 35, 36*
- *T. 18 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 18 N., R. 36 E. - SECTIONS 1 (POR), 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 18 N., R. 37 E. - SECTIONS 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29 (POR), 30 (POR), 31 (POR)*
- *T. 17 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15 (POR), 16 (POR), 22 (POR), 23, 24, 25, 26, 27 (POR), 28 (POR), 33 (POR), 34, 35, 36*
- *T. 17 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 (POR), 35 (POR), 36 (POR),*
- *T. 17 N., R. 36 E. - SECTIONS 1 (POR), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21 (POR), 22 (POR), 28 (POR), 29 (POR), 30, 31 (POR), 32 (POR)*
- *T. 17 N., R. 37 E. - SECTION 6 (POR)*
- *T. 16 N., R. 34 E. - SECTIONS 1 (POR), 2 (POR), 3 (POR), 4 (POR), 5 (POR)*
- *T. 16 N., R. 35 E. - SECTIONS 3 (POR), 4 (POR), 5 (POR), 6 (POR)*

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

Referenced Survey Documents for Distance and Bearings

Township	Range	Meridian	Document Type	Office	Date of Document
T. 16 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 36 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 16 N.	R. 37 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 17 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 17 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 17 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	7/31/1917
T. 17 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	1/15/1915
T. 17 N.	R. 37 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 18 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 36 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
			Survey Plat	B.L.M.	3/14/1968
T. 18 N.	R. 37 E.	M.D.B.&M.	Survey Plat	US Surveyor General	1/15/1915
T. 19 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 19 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 19 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US General Land Office	4/29/1940
T. 19 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US General Land Office	6/29/1931
T. 19 N.	R. 37 E.	M.D.B.&M.	Dependent Resurvey	B.L.M.	6/25/1973
T. 20 N.	R. 33 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	8/29/1917
T. 21 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 21 N.	R. 34 E.	M.D.B.&M.	Survey Plat	US General Land Office	10/3/1930
T. 21 N.	R. 35 E.	M.D.B.&M.	Dependent Resurvey	B.L.M.	10/31/1973
T. 21 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882
T. 22 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 22 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	10/26/1964
T. 22 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 22 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882
T. 23 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 23 N.	R. 34 E.	M.D.B.&M.	Survey Plat	US General Land Office	4/1/1935
T. 23 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 23 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882

Stanka Consulting, LTD
A Professional Engineering Company

3032 Silver Sage Drive, Suite 101
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z:\7.91 BENCH CREEK RANCH\03 CHRIS

STATE ENGINEER'S USE

87619

RECEIVED
JAN 29 2018
STATE ENGINEER'S OFFICE

FILED
JAN 29 2018
STATE ENGINEER'S OFFICE

JANUARY 29, 2018 *Sheet 2 of 2*

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (CHALK MTN. WELL)
IN
CHURCHILL COUNTY, NEVADA

87880 87771 87770 87761 87760 87676 87619



Site Search

Permit Information

New Search

App/Permit: 87761
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Permit 87771

BASIN: Cowkick Valley (126) **COUNTY:** Churchill

LATITUDE: 39.465664 **LONGITUDE:** -117.990147

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	3/12/2018
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	NW¼SE¼ Section 36, T.19N., R.35E., M.D.M.
MANNER OF USE:	STK
PLACE OF USE:	Dixie Valley Grazing Allotment
DIVERSION RATE:	0.016 cfs
ALLOWED DUTY:	11.94 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATE:	POC due 04/05/2020
	PBU due 04/05/2021
REMARKS:	Wonder Well

POD PARCEL:	Churchill County APN 003-271-02
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County Multiple
POU PARCEL OWNER:	Multiple

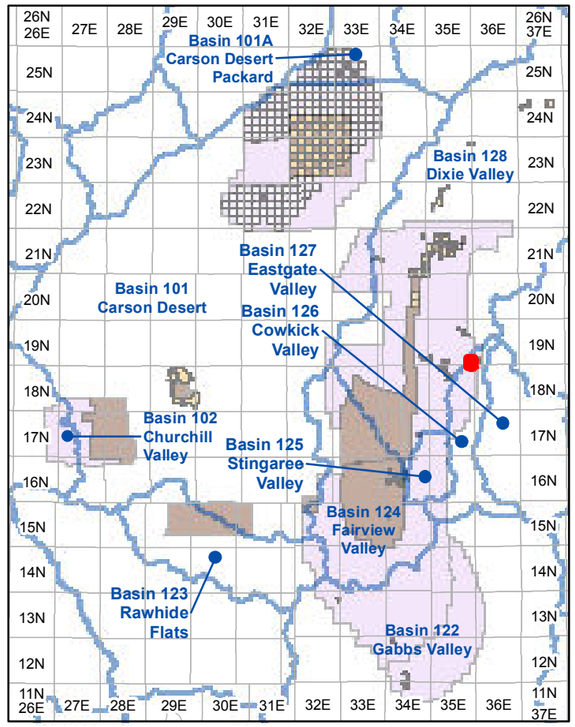
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Permit 87771

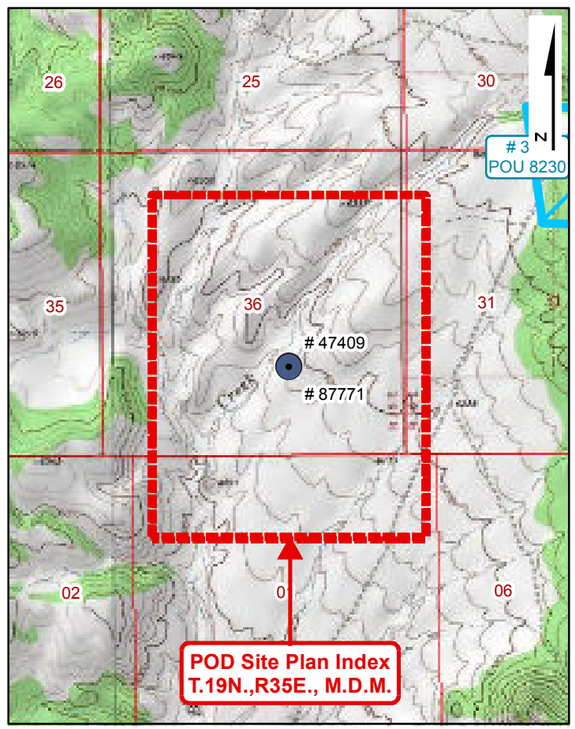
The current owner of Permit 87771 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on April 5, 2019. It has a priority date of March 12, 2018 with an allowed diversion rate of 0.0166 CFS. The permitted manner of use is for stock-watering purposes. The total combined duty of water under Permit 75573/Certificate 19262, Permit 87758 and 87771 shall not exceed 11.94 acre-feet annually. The allowed period of use is from January 1 through December 31.

The point of diversion is located within the NW¼SE¼ Section 36, Township 19N, Range 35E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County, the same as listed in the table for Permit 87619.

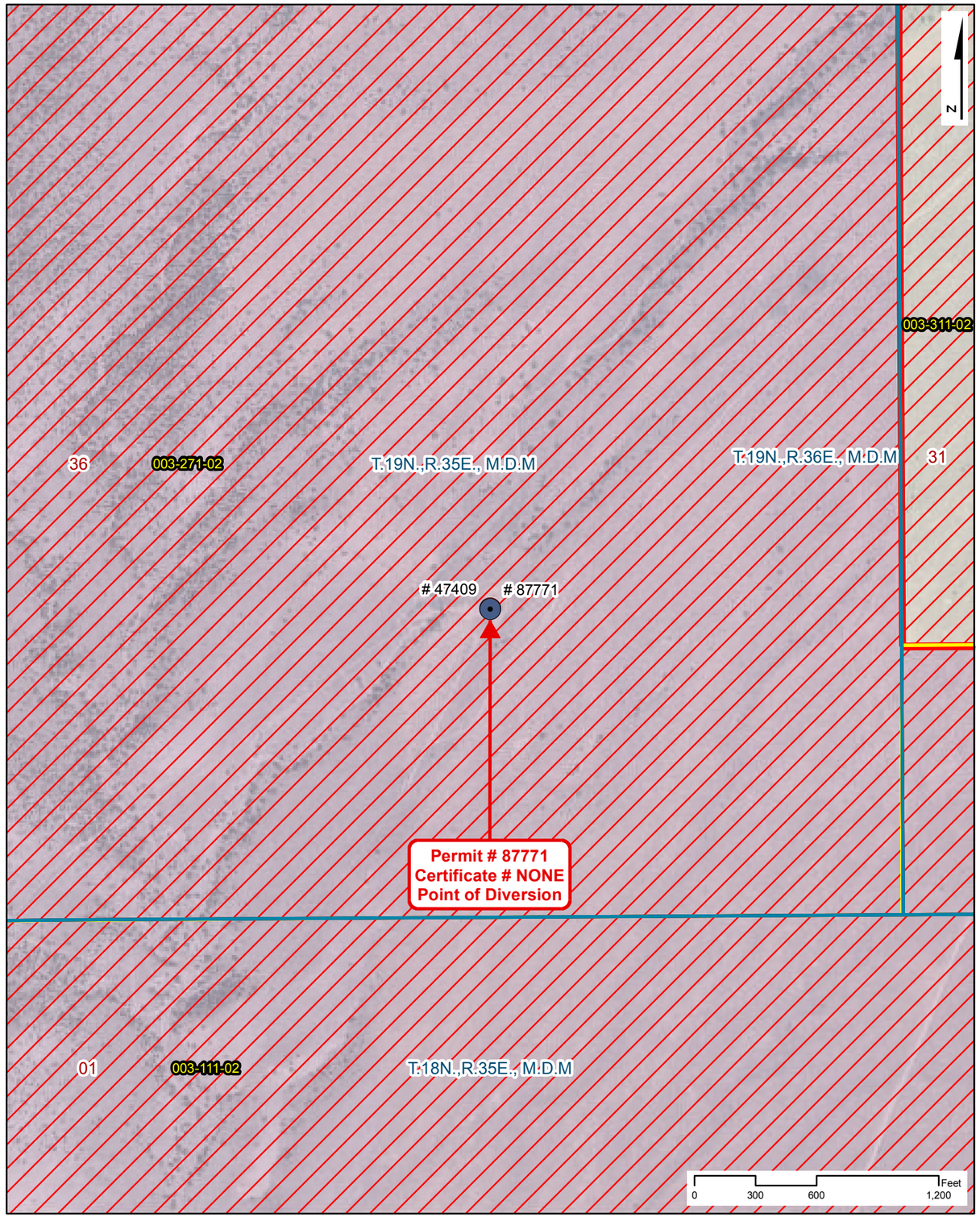
The Proof of Completion for Permit 87771 has a due date of April 5, 2020. The Proof Beneficial Use has a due date of April 5, 2021.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87771 **CERTIFICATE: NONE**

BASIN: Cowkick Valley (126) **COUNTY: Churchill**
LATITUDE: 39.465664 **LONGITUDE: -117.990147**
POINT OF DIVERSION: **NW1/4,SE1/4, Section 36, T.19N.,R35E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **N/A**
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Bench Creek Ranch Co., LLC

PRIORITY DATE: **3/12/2018**
PERMIT DATE: **4/5/2019**
CERTIFICATE DATE:
DUE DATE: **POC - 04/05/20, PBU - 04/05/21**

USE UNITS

533 Cattle

SOURCE DESCRIPTION: **Underground**
MANNER OF USE: **Stock-Watering**
DIVERSION RATE: **0.016 CFS**
ALLOWED DUTY: **11.950 AFA**
PERIOD OF USE: **01/01-12/31**

GIS PARCEL DATA

A.P.N. 003-271-02, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87771
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:48:44 AM

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**UNDERGROUND (WONDER WELL)**
Basin:	**COWKICK VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**03/12/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. It is further understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to any other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Permit 75573, Certificate 19262, and Permits 87758 and 87771 shall not exceed 11.94 acre-feet or sufficient to water 533 head of cattle.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.01666 cubic feet per second and 11.94 acre-feet annually, or sufficient to water 533 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **April 5 2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **April 5 2021**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 5th day of **April, 2019**

Tim Wilson, P.E.

Acting State Engineer

STATE ENGINEER STATE OF NEVADA

Application No. 87771

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office MAR 12 2018

Returned to applicant for correction

Corrected Application filed _____ Map filed Jan 23, 1984 Under 47409

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code) _____ (E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

RECEIVED

1. The source of water is Underground (Wonder Well)
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12)
   (d) Power:
      (1) Horsepower developed
      (2) Point of return of water to stream

Revised 06/17

10-126
Ch

87771

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the NW¼ SE¼ of Section 36, T.19N., R.35E., M.D.B.&M., or at a point from which the SW corner of said Section 36 bears S. 65° 13' 05" W., a distance of 3,649.2 feet situated in Churchill County, State of Nevada. (Please see Certificate 12957 for Application No. 47409 and Map filed under 47409 [POD listed as "Bench Creek Well" on Map]).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

The proposed place of use is the entire Dixie Valley Grazing Allotment. (Please See "Attachment A" accompanying this application, and the map filed under 87619.)

7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Well is already in Place. New submersible pump and electrical might be required. Pipeline and trough system will be installed and hooked into existing well.

9. Estimated cost of works: $10,000.00

10. Estimated time required to construct works: 2 years (If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 3 Years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Please See "Attachment B".

13. Miscellaneous remarks:

Please See "Attachment B".

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3032 Silver Sage Dr., STE 101
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

Revised 06/17 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

Attachment A

PROPOSED PLACE OF USE

DIXIE VALLEY GRAZING ALLOTMENT

T. 23 N., R. 34 E. –	*SECTIONS 14 (POR), 15 (POR), 21 (POR), 22, 23 (POR), 24 (POR), 25 (POR), 26, 27, 28 (POR), 29 (POR), 32 (POR), 33, 34, 35, 36 (POR)*
T. 22 N., R. 33 E. –	*SECTIONS 24 (POR), 25 (POR), 35 (POR), 36 (POR)*
T. 22 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 8 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16, 17 (POR), 18(POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 22 N., R. 35 E. –	*SECTIONS 6 (POR), 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29, 30, 31, 32*
T. 21 N., R. 33 E. –	*SECTIONS 1, 2 (POR), 10 (POR), 11 (POR), 12, 13, 14 (POR), 23 (POR), 24, 25, 26 (POR), 35 (POR), 36 (POR)*
T. 21 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 (POR), 32 (POR), 33, 34, 35, 36*
T. 21 N., R. 35 E. –	*SECTIONS 5, 6, 7, 8, 17, 18, 19, 20, 30, 31*
T. 20 N., R. 33-½ E. –	*SECTION 36 (POR)*
T. 20 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5 (POR), 6 (POR), 7 (POR), 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 (POR), 31 (POR), 32, 33, 34, 35, 36*
T. 20 N., R. 35 E. –	*SECTIONS 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 20 N., R. 36 E. –	*SECTIONS 7 (POR), 16 (POR), 17 (POR), 18 (POR), 19, 20, 21 (POR), 28 (POR), 29, 30, 31, 32, 33 (POR)*
T. 19 N., R. 33-½ E. –	*SECTIONS 1 (POR), 12 (POR), 13 (POR)*
T. 19 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 20 (POR), 21 (POR), 22, 23, 24, 25, 26, 27 (POR), 28 (POR), 34 (POR), 35, 36*
T. 19 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 19 N., R. 36 E. –	*SECTIONS 3 (POR), 4 (POR), 5, 6, 7, 8, 9, 10 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21, 22, 23 (POR), 26 (POR), 27, 28, 29, 30, 31, 32, 33, 34, 35 (POR), 36 (POR)*

T. 18 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16 (POR), 21 (POR), 22, 23, 24, 25, 26, 27, 28 (POR), 33 (POR), 34, 35, 36*
T. 18 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 18 N., R. 36 E. –	*SECTIONS 1 (POR), 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
T. 18 N., R. 37 E. –	*SECTIONS 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29 (POR), 30 (POR), 31 (POR)*
T. 17 N., R. 34 E. –	*SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15 (POR), 16 (POR), 22 (POR), 23, 24, 25, 26, 27 (POR), 28 (POR), 33 (POR), 34, 35, 36*
T. 17 N., R. 35 E. –	*SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 (POR), 35 (POR), 36 (POR),*
T. 17 N., R. 36 E. –	*SECTIONS 1 (POR), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21 (POR), 22 (POR), 28 (POR), 29 (POR), 30, 31 (POR), 32 (POR)*
T. 17 N., R. 37 E. –	*SECTION 6 (POR)*
T. 16 N., R. 34 E. –	*SECTIONS 1 (POR), 2 (POR), 3 (POR), 4 (POR), 5 (POR)*
T. 16 N., R. 35 E. –	*SECTIONS 3 (POR), 4 (POR), 5 (POR), 6 (POR)*

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

Attachment B

12. Provide a detailed description of the proposed project and its water usage.

The well location is within the Dixie Valley Grazing Allotment on Public Land Owned by the BLM (APN 003-111-02). This well was installed and drilled in 1984 under Application 47409 / Certificate 12957. Please note that Application 47409 / Certificate 12957 is still active; however, since the well is on public land owned by the BLM and within the Dixie Valley Grazing Allotment this application is being filed by the Applicant as a secondary user on the well. A field visit performed on January 20, 2018 revealed that the existing well appears to have not been recently used, and additional upgrades will likely be required in order to get the well in working order once again.

Although it appears that the well has not recently been used under Application 47409 / Certificate 12957, a separate isolation valve will be installed so that any water used under this stockwater application may be separately monitored from any water used under Application 47409 / Certificate 12957.

Water will be pumped using a mobile generator. It is expected that an on-site pipeline and trough will be installed for use by stock within the Dixie Valley Grazing Allotment. Additionally, water will be placed into a water truck for delivery to any number of troughs within the Dixie Valley Grazing Allotment. For this reason the entire proposed POU is the entire Dixie Valley Grazing Allotment.

13. Miscellaneous remarks:

Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

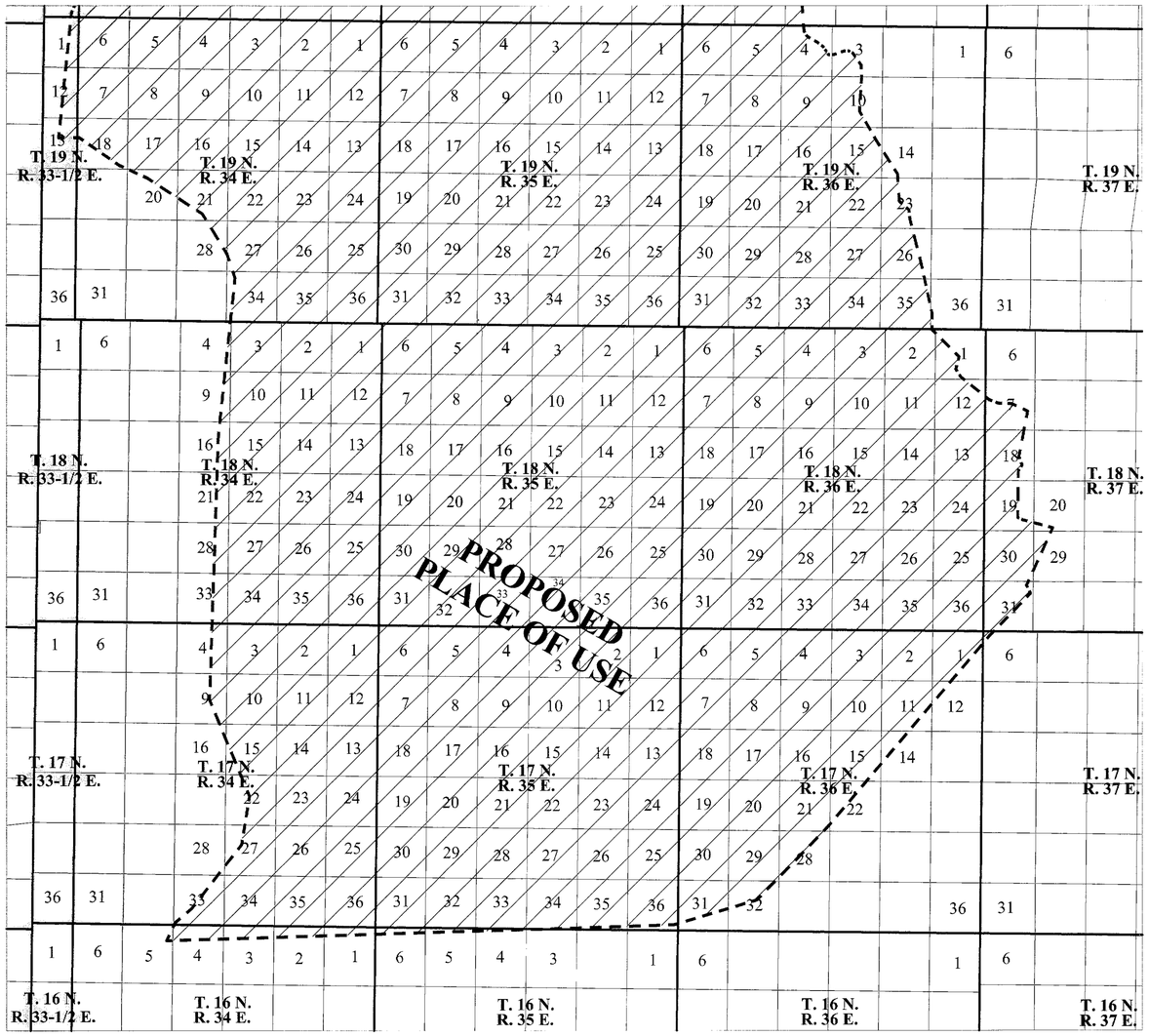
Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA



PORTIONS OF TOWNSHIP 19 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 18 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 17 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 16 NORTH, RANGE 33-1/2, 34, 35, 36, AND 37 EAST, M.D.B.&M.

LEGEND

SECTION LINE

TOWNSHIP / RANGE LINE

PROPOSED PLACE OF USE

SCALE

8,000 0 4,000 8,000 16,000 32,000 FEET

1 inch = 8,000 feet

N

UNDERGROUND SOURCE (CHALK MTN. WELL)

PROPOSED PLACE OF USE (PART 2 OF 2)

DIXIE VALLEY GRAZING ALLOTMENT

PROPOSED PLACE OF USE CONTINUED FROM SHEET 1 OF 2.

- *T. 19 N., R. 33-½ E. - SECTIONS 1 (POR), 12 (POR), 13 (POR)*
- *T. 19 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 20 (POR), 21 (POR), 22, 23, 24, 25, 26, 27 (POR), 28 (POR), 34 (POR), 35, 36*
- *T. 19 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 19 N., R. 36 E. - SECTIONS 3 (POR), 4 (POR), 5, 6, 7, 8, 9, 10 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21, 22, 23 (POR), 26 (POR), 27, 28, 29, 30, 31, 32, 33, 34, 35 (POR), 36 (POR)*
- *T. 18 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16 (POR), 21 (POR), 22, 23, 24, 25, 26, 27, 28 (POR), 33 (POR), 34, 35, 36*
- *T. 18 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 18 N., R. 36 E. - SECTIONS 1 (POR), 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 18 N., R. 37 E. - SECTIONS 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29 (POR), 30 (POR), 31 (POR)*
- *T. 17 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 9 (POR), 10, 11, 12, 13, 14, 15 (POR), 16 (POR), 22 (POR), 23, 24, 25, 26, 27 (POR), 28 (POR), 33 (POR), 34, 35, 36*
- *T. 17 N., R. 35 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 (POR), 35 (POR), 36 (POR),*
- *T. 17 N., R. 36 E. - SECTIONS 1 (POR), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 14 (POR), 15 (POR), 16, 17, 18, 19, 20, 21 (POR), 22 (POR), 28 (POR), 29 (POR), 30, 31 (POR), 32 (POR)*
- *T. 17 N., R. 37 E. - SECTION 6 (POR)*
- *T. 16 N., R. 34 E. - SECTIONS 1 (POR), 2 (POR), 3 (POR), 4 (POR), 5 (POR)*
- *T. 16 N., R. 35 E. - SECTIONS 3 (POR), 4 (POR), 5 (POR), 6 (POR)*

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

Referenced Survey Documents for Distance and Bearings

Township	Range	Meridian	Document Type	Office	Date of Document
T. 16 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 16 N.	R. 36 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 16 N.	R. 37 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 17 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 17 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 17 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	7/31/1917
T. 17 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	1/15/1915
T. 17 N.	R. 37 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
T. 18 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 18 N.	R. 36 E.	M.D.B.&M.	Protraction Plat	B.L.M.	5/16/1962
			Survey Plat	B.L.M.	3/14/1968
T. 18 N.	R. 37 E.	M.D.B.&M.	Survey Plat	US Surveyor General	1/15/1915
T. 19 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 19 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 19 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US General Land Office	4/29/1940
T. 19 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US General Land Office	6/29/1931
T. 19 N.	R. 37 E.	M.D.B.&M.	Dependent Resurvey	B.L.M.	6/25/1973
T. 20 N.	R. 33 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 33-1/2 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 35 E.	M.D.B.&M.	Protraction Plat	B.L.M.	3/23/1962
T. 20 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	8/29/1917
T. 21 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 21 N.	R. 34 E.	M.D.B.&M.	Survey Plat	US General Land Office	10/3/1930
T. 21 N.	R. 35 E.	M.D.B.&M.	Dependent Resurvey	B.L.M.	10/31/1973
T. 21 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882
T. 22 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 22 N.	R. 34 E.	M.D.B.&M.	Protraction Plat	B.L.M.	10/26/1964
T. 22 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 22 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882
T. 23 N.	R. 33 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 23 N.	R. 34 E.	M.D.B.&M.	Survey Plat	US General Land Office	4/1/1935
T. 23 N.	R. 35 E.	M.D.B.&M.	Survey Plat	US Surveyor General	11/20/1882
T. 23 N.	R. 36 E.	M.D.B.&M.	Survey Plat	US Surveyor General	12/11/1882

Stanka Consulting, LTD
A Professional Engineering Company

3032 Silver Sage Drive, Suite 101
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z:\7.91 BENCH CREEK RANCH\03 CHRIS

STATE ENGINEER'S USE

87619

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JAN 29 2018
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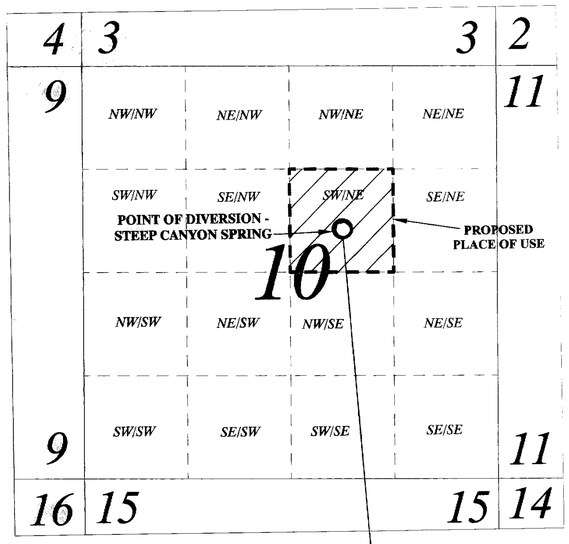
JAN 29 2018
STATE ENGINEER'S OFFICE

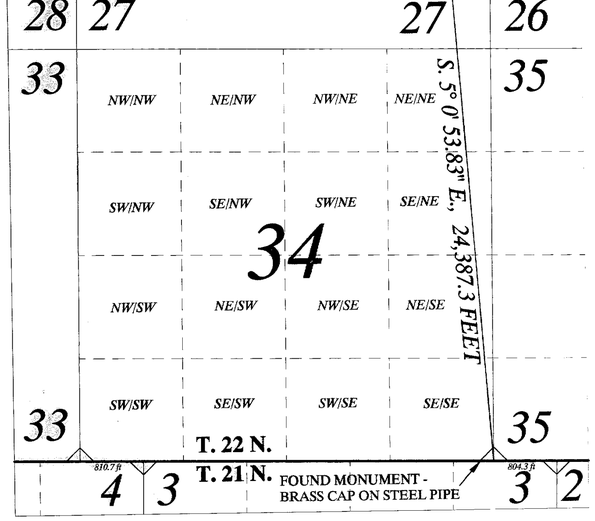
JANUARY 29, 2018 *Sheet 2 of 2*

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (CHALK MTN. WELL)
IN
CHURCHILL COUNTY, NEVADA

87880 87771 87770 87761 87760 87676 87619



PORTIONS OF TOWNSHIP 22 NORTH, RANGE 34 EAST, M.D.B.&M.



PORTIONS OF TOWNSHIP 22 NORTH, RANGE 34 EAST, M.D.B.&M.

LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- PROPOSED PLACE OF USE

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

1 inch = 1,000 feet

STATE OF NEVADA }
COUNTY OF CARSON CITY } ss

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF STEEP CANYON SPRING, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER, STATE OF NEVADA — CHRISTOPHER G. MOLTZ — Exp. 12/31/19 — CIVIL — No. 023133 — April 19, 2018

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 19 DAY OF April, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON — NOTARY PUBLIC — STATE OF NEVADA — Appt. Exp. Sept. 4, 2019

STEEP CANYON SPRING

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ NE¼ OF SECTION 10, T.22N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SECTION 34, T.22N., R.34E., M.D.B.&M. BEARS S. 5º 0' 53.83" E., A DISTANCE OF 24,387.3 FEET.

PROPOSED PLACE OF USE

WITHIN THE SW¼ NE¼ OF SECTION 10, T.22N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

N

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. BUREAU OF LAND MANAGEMENT PROTRACTION PLAT DATED OCTOBER 26, 1964 FOR T. 22 N., R. 34 E., M.D.B. & M.

NOTE: ONLY SECTION LINES ARE SURVEYED FOR T. 22 N., R. 34 E., M.D.B. & M. APPROXIMATE QUARTER-QUARTER LINES DERIVED FROM EQUAL SUBDIVISION OF SURVEYED SECTIONS.

GPS COORDINATES [NAD 83]

SE CORNER OF SECTION 34, T. 22 N., R. 34 E., M.D.B.&M.	*N 39º 43' 25.42" W 118º 8' 13.74"*
PROPOSED POD - STEEP CANYON SPRING	*N 39º 47' 25.51" W 118º 8' 41.05"*

APRIL 18, 2018

Sheet 1 of 1

STATE ENGINEER'S USE

87883

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2018 APR 24 PM 3:30
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FILED
APR 24 2018
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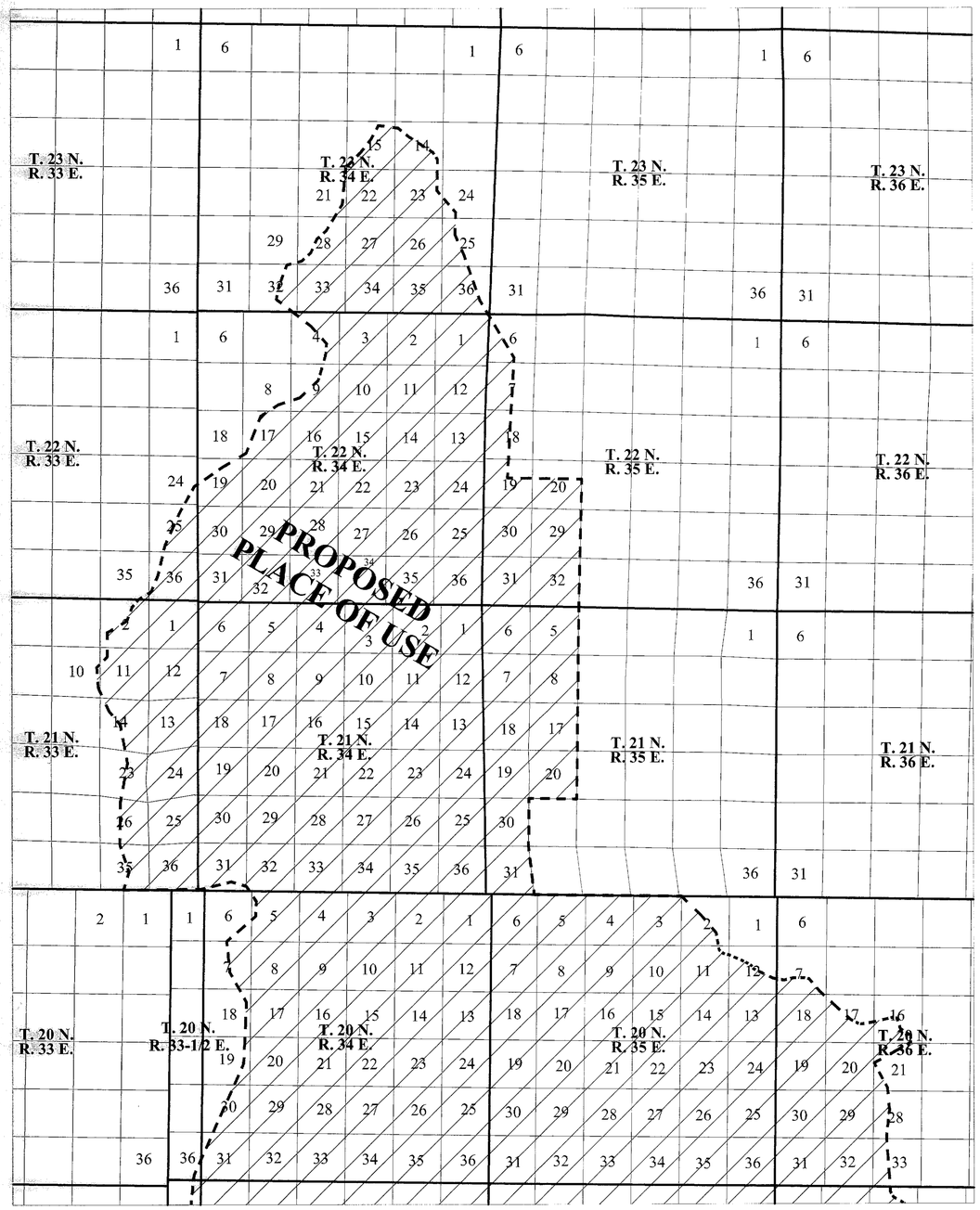
MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
STEEP CANYON SPRING
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87883



PORTIONS OF TOWNSHIP 20 NORTH, RANGE 33, 33-1/2, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 21 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 22 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.;
PORTIONS OF TOWNSHIP 23 NORTH, RANGE 33, 34, 35, AND 36 EAST, M.D.B.&M.

LEGEND

SECTION LINE

TOWNSHIP / RANGE LINE

PROPOSED PLACE OF USE

N

SCALE

8,000 0 4,000 8,000 16,000 32,000 FEET

1 inch = 8,000 feet

STATE OF NEVADA
COUNTY OF CARSON CITY } SS

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF TWO SHEETS HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED PLACE OF USE OF AN UNDERGROUND SOURCE (CHALK MTN. WELL), LOCATED IN CHURCHILL COUNTY BY THE BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER – STATE OF NEVADA – CHRISTOPHER G. MOLTZ – Exp. 12/31/19 – CIVIL – No. 023133

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 29 DAY OF January, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON – NOTARY PUBLIC – STATE OF NEVADA – No. 15-2952-3 – My Appt. Exp. Sept. 4, 2019

UNDERGROUND SOURCE (CHALK MTN. WELL)

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ SW¼ OF SECTION 36, T. 17 N., R. 34 E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SAID SECTION 36 BEARS S. 84º 40' 27" E, A DISTANCE OF 4,740.50 FEET. (PLEASE SEE MAP FILED UNDER 44344).

PROPOSED PLACE OF USE (PART 1 OF 2)

DIXIE VALLEY GRAZING ALLOTMENT

- *T. 23 N., R. 34 E. - SECTIONS 14 (POR), 15 (POR), 21 (POR), 22, 23 (POR), 24 (POR), 25 (POR), 26, 27, 28 (POR), 29 (POR), 32 (POR), 33, 34, 35, 36 (POR)*
- *T. 22 N., R. 33 E. - SECTIONS 24 (POR), 25 (POR), 35 (POR), 36 (POR)*
- *T. 22 N., R. 34 E. - SECTIONS 1, 2, 3, 4 (POR), 8 (POR), 9 (POR), 10, 11, 12, 13, 14, 15, 16, 17 (POR), 18(POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 22 N., R. 35 E. - SECTIONS 6 (POR), 7 (POR), 18 (POR), 19 (POR), 20 (POR), 29, 30, 31, 32*
- *T. 21 N., R. 33 E. - SECTIONS 1, 2 (POR), 10 (POR), 11 (POR), 12, 13, 14 (POR), 23 (POR), 24, 25, 26 (POR), 35 (POR), 36 (POR)*
- *T. 21 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 (POR), 32 (POR), 33, 34, 35, 36*
- *T. 21 N., R. 35 E. - SECTIONS 5, 6, 7, 8, 17, 18, 19, 20, 30, 31*
- *T. 20 N., R. 33-½ E. - SECTION 36 (POR)*
- *T. 20 N., R. 34 E. - SECTIONS 1, 2, 3, 4, 5 (POR), 6 (POR), 7 (POR), 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (POR), 19 (POR), 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 (POR), 31 (POR), 32, 33, 34, 35, 36*
- *T. 20 N., R. 35 E. - SECTIONS 2 (POR), 3, 4, 5, 6, 7, 8, 9, 10, 11 (POR), 12 (POR), 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36*
- *T. 20 N., R. 36 E. - SECTIONS 7 (POR), 16 (POR), 17 (POR), 18 (POR), 19, 20, 21 (POR), 28 (POR), 29, 30, 31, 32, 33 (POR)*

...

PROPOSED PLACE OF USE CONTINUED ON SHEET 2 OF 2.

ALL TOWNSHIP AND RANGES ARE REFERENCED TO THE M.D.B.&M.

JANUARY 29, 2018 *Sheet 1 of 2*

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STATE ENGINEER'S USE 87619

FILED
JAN 29 2018
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
AN UNDERGROUND SOURCE (CHALK MTN. WELL)
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
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3032 Silver Sage Drive, Suite 101
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www.stankaconsulting.com

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87880 87771 87770 87761 87760 87676 87619

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 87771
Status: PERMIT
Certificate: None

General Maps & Due Dates Place of Use Abrogations/Protests/Rulings Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 87878

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.715620 **LONGITUDE:** -118.205016

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	4/24/2018
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NW¼SW¼ Section 6, T.21N., R.34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	533 cattle
PLACE OF USE:	NW¼SW¼ Section 6, T.21N., R.34E., M.D.M.
DIVERSION RATE:	0.0166 cfs
ALLOWED DUTY:	11.94 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATES:	POC 1/29/20; PBU 1/29/21
REMARKS:	Alameda Canyon Spring
	Dixie Valley Allotment

POD PARCEL:	Churchill County APN 003-831-19
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-831-19
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

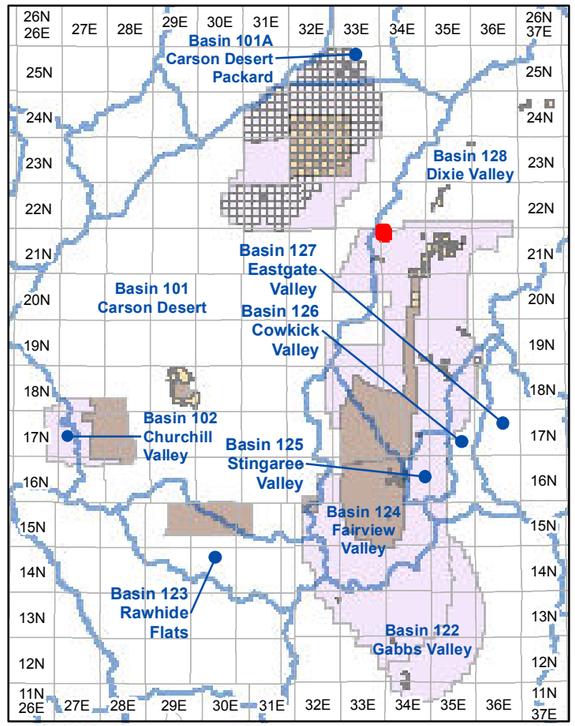
Permit 87878

The current owner of Permit 87878 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on January 29, 2019. It has a priority date of April 24, 2018 and an allowed diversion rate of 0.0166 CFS. The permitted manner of use is for stock-watering purposes. The total combined duty of water under Claims of Vested Right V11305, V11306, and V11307; and Permit 87763, 87764, 87765, 87766, 87769, 87877, 87878, 87879, 87881, 87882, 87883, 87884, 87885, 87886, 87887, 87888, 87889, 87888, 87889, 87890, 87891, 87892, 87893, 87894, 87895, 87896, and 87897 shall not exceed 11.94 acre-feet annually. The allowed period of use is from January 1 through December 31.

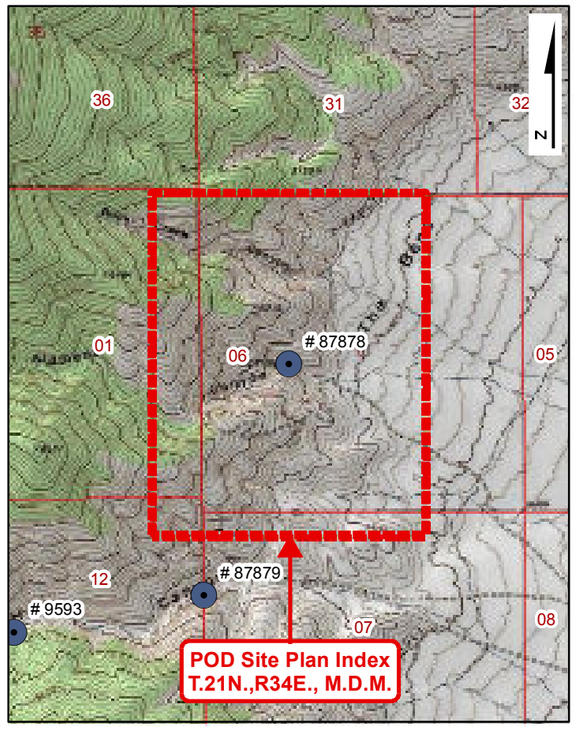
The point of diversion is located within the NW¼SW¼ Section 6, Township 21N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-831-19 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
	Lot 6	6	21N	34E	533 cattle

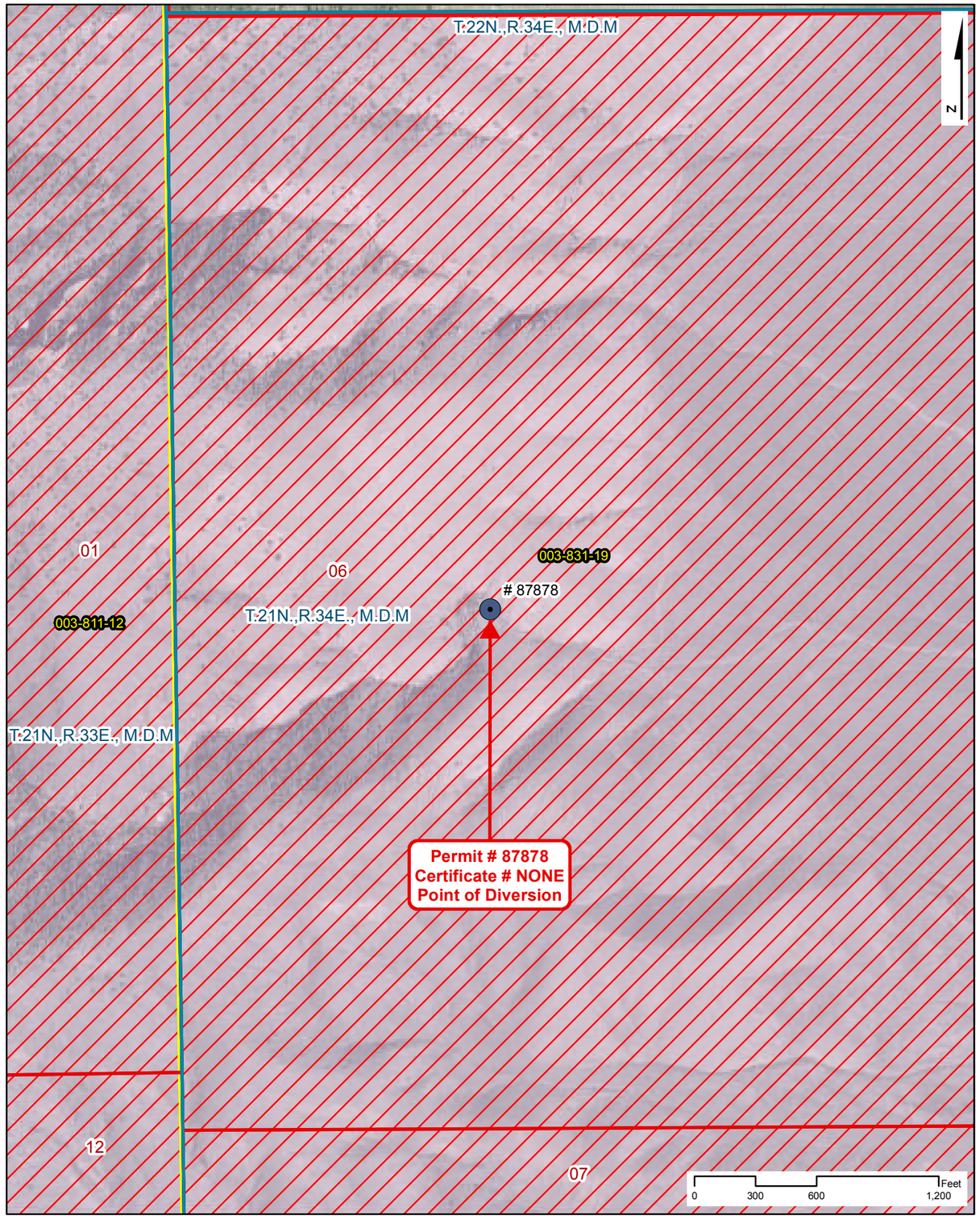
The Proof of Completion for Permit 87878 has a due date of January 29, 2020. The Proof Beneficial Use has a due date of January 29, 2021.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87878 — **CERTIFICATE: NONE**

BASIN: Dixie Valley (128) — **COUNTY: Churchill**

LATITUDE: 39.71562 — **LONGITUDE: -118.205016**

POINT OF DIVERSION: NW1/4,SW1/4, Section 6, T.21N.,R34E., M.D.M.

PLACE OF USE (DWR Polygon ID): N/A

PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Bench Creek Ranch Co., LLC

PRIORITY DATE: 4/24/2018
PERMIT DATE: 1/29/2019
CERTIFICATE DATE:
DUE DATE: POC - 1/29/20; PBU - 1/29/21

USE UNITS

533 Cattle

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.0166 CFS
ALLOWED DUTY: 11.940 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-831-19, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87878
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:48:47 AM

Permit No. 87878

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**SPRING (ALAMEDA CANYON SPRING)**
Basin:	**DIXIE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**04/24/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Claims of Vested Right V11305, V11306 and V11307; Permits 87763 through 87769 inclusive; Permits 87877 through 87879 inclusive and Permits 87881 through 87897 inclusive shall not exceed 11.94 acre-feet annually.

This permit is subject to the condition that the permittee must ensure that wildlife which have customarily used such water will have access thereto, NRS 533.367.

It is understood that the amount of water wherein granted is limited to the amount of water actually produced by the spring, and no rights in excess of that amount are implied or inferred.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.01666 cubic feet per second and 11.94 acre-feet annually, or sufficient to water 533 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **January 29 2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **January 29 2021**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **January, 2019**

Tim Wilson P.E.

Acting State Engineer

STATE ENGINEER STATE OF NEVADA

Application No. 87878

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office APR 2 4 2018

Returned to applicant for correction

Corrected Application filed ____ Map filed April 29, 1947 Under 11772

RECEIVED
2018 APR 24 PM 3:07
STATE ENGINEERS OFFICE

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code) (E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

(If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

---

1. The source of water is Alameda Canyon Spring
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12)
   (d) Power:
      (1) Horsepower developed
      (2) Point of return of water to stream

Revised 06/17

10-128 CN

87878

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the NW¼ SW¼ (Lot 6) of Section 6, T.21N., R.34E., M.D.B.&M., or at a point from which the SE corner of said Section 6 bears S. 57° 50' E., a distance of 4,821 feet. (Please see map filed under 11772).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

within the NW¼ SW¼ (Lot 6) of Section 6, T.21N., R.34E., M.D.B.&M. (Please see map filed under 11772).

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STATE ENGINEERS OFFICE

7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

It currently is proposed that a trough system be installed to collect water from the spring; however, works might not be installed as cattle currently have access to the naturally flowing spring.

9. Estimated cost of works: $2,000.00

10. Estimated time required to construct works: 2 Years
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 3 Years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

It currently is proposed that a trough system be installed to collect water from the spring; however, works might not be installed as cattle currently have access to the naturally flowing spring.

13. Miscellaneous remarks:

Please See "Attachment A"

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3108 Silver Sage Dr., STE 102
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

Revised 06/17 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

87878

Attachment A

13. Miscellaneous remarks:

Alameda Canyon Spring (also known as "Alameda Canon Spring" on map accompanying denied Application 11772) is located within the Dixie Valley Grazing Allotment (owned by the Applicant) on public land. Stock have historically used this spring as a water source. Stock are currently able to access the spring, which is naturally flowing.

RECEIVED
2018 APR 24 PM 3:07
STATE ENGINEER'S OFFICE

Please note that Application 11772 was filed in 1947, and subsequently denied under Ruling No. 41 in 1950. Based on review of the Ruling it appears that at the time these springs were used by many ranchers in Dixie Valley, which led to the application's Denial by the State Engineer (Ruling No. 41, pg. 2). In the 1940s Dixie Valley had a sizable ranching community, so it would make sense why these sources of water (including Alameda Canyon Spring) were historically used by many parties. The Dixie Valley Ranch Community (in T.21N., R.34E., and T. 21N., R.35E., M.D.B.&M.) is more or less a ghost town and its inhabitants are no more.

Additionally, back in the 1940s it seems grazing practices on public land were more of a free for all in Dixie Valley. With the Public Rangelands Improvement Act of 1978, the BLM began what is now referred to as the Nevada Rangeland Management and Grazing System, in which the BLM manages the amount of stock which can graze on public land. Bench Creek Ranch Co. LLC is the only party allowed to graze stock on public land within the Dixie Valley Grazing Allotment (where Alameda Canyon Spring is located). Because of this, the original reasons for which Application 11772 were denied are not relevant to this new appropriation for waters of Alameda Canyon Spring.

Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st, through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

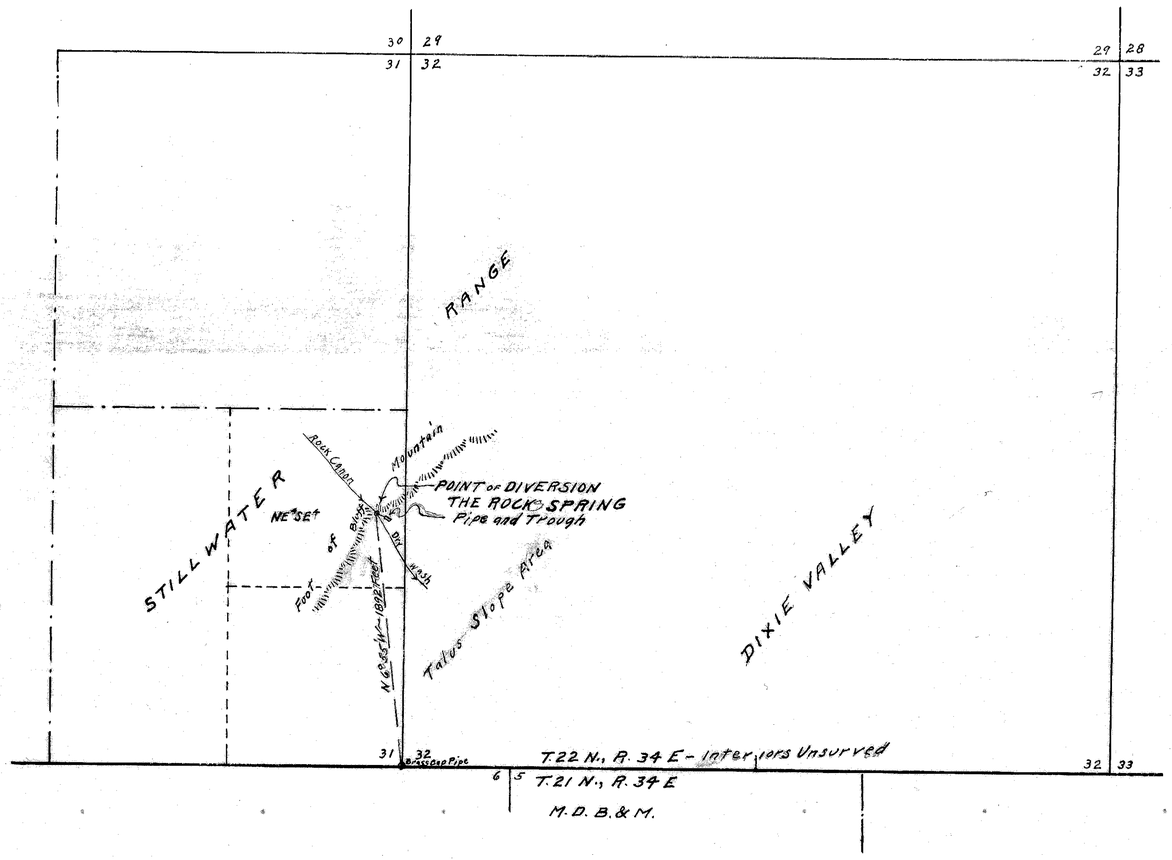
Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA



STATE OF NEVADA }
COUNTY OF ORMSBY } S.S.

I E.P. Osgood, being first duly sworn depose and say that this map consisting of 1 sheet, has been correctly drawn to the designated scale from field notes of a survey made by me on the 1st day of April 1947, that it truly and correctly represents the location and extent of the proposed works used to divert water from THE ROCKS SPRING in Churchill County by FALLON ICE & COLD STORAGE CO, INC. and NATHAN MERRITT JR. for stock-watering purposes. That the proposed point of diversion, the approximate location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon

E. P. Osgood
State Water Right Surveyor

Subscribed and sworn to before me this 29th day of April 1947

My Commission Expires July 6, 1949

Notary Public in & for Ormsby County, Nevada

SCALE
1 Inch = 600 Feet
1000 500 0 1000 1500 2000

FILED
April 29, 1947
STATE ENGINEER'S OFFICE

MAP

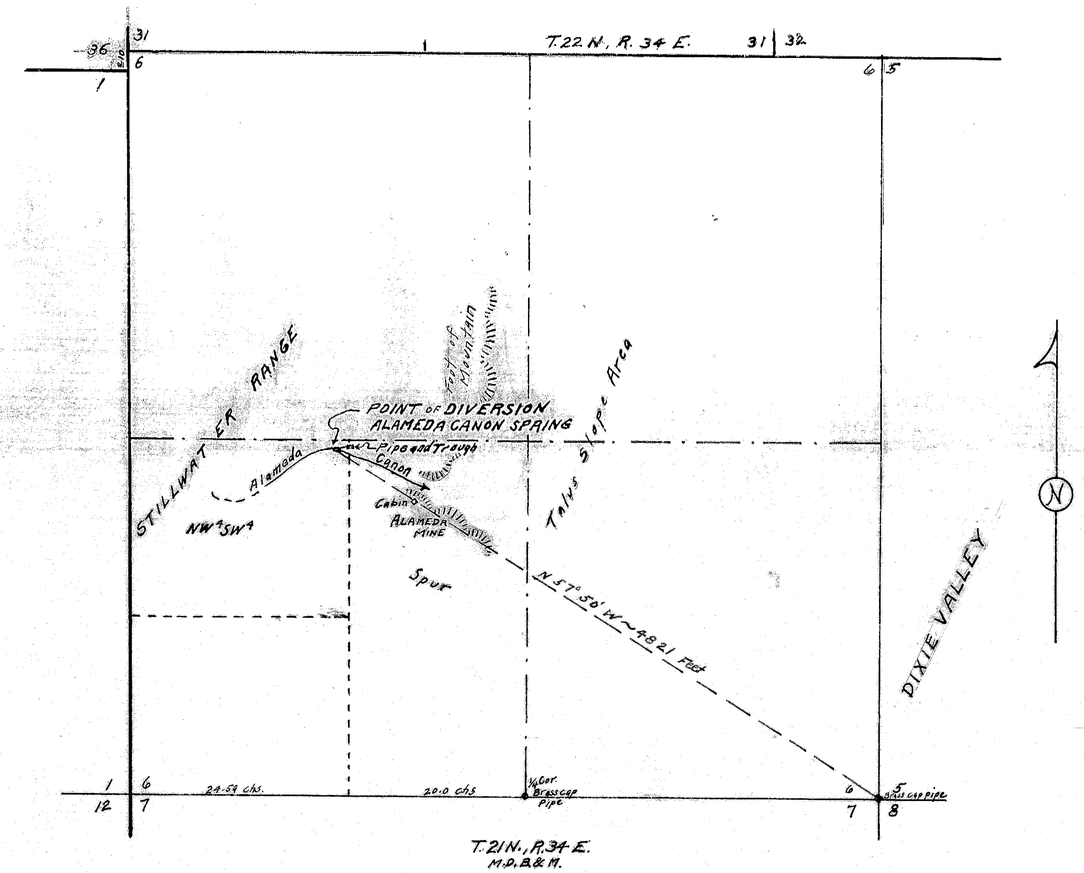
TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR STOCKWATERING

BY FALLON ICE & COLD STORAGE CO., INC. and NATHAN MERRITT JR.

From THE ROCKS SPRING
Churchill County, Nevada

April 1947 — E.P. Osgood, St. Wat. Rt. Sur.

87877 — 11773



STATE of NEVADA
County of Ormsby } S.S.

I, E.P. Osgood, being first duly sworn, depose and say that this map consisting of 1 sheet has been correctly drawn to the designated Scale from field notes of a survey made by me on the day of April, 1947; that it truly and correctly represents the location and extent of the proposed works used to divert water from ALAMEDA CANON SPRING in Churchill County, by FALLON ICE & COLD STORAGE CO., INC. and NATHAN MERRITT, Jr., for stock-watering purposes. That the proposed point of diversion, the approximate location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon

E. P. Osgood.
State Water Right Surveyor

Subscribed and sworn to before me this 29th day of April 1947

My Commission Expires July 6, 1949

Notary Public in & for Ormsby County, Nevada

SCALE
1 Inch = 600 Feet
1000 500 1000 1500 2000

FILED
April 29 1947
STATE ENGINEER'S OFFICE

FILED

MAP
TO ACCOMPANY APPLICATION TO APPROPRIATE
WATER FOR STOCKWATERING
BY FALLON ICE & COLD STORAGE CO., INC.
and NATHAN MERRITT, JR.
FROM ALAMEDA CANON SPRING
Churchill County, Nevada
April 1947 E.P. Osgood St. Wat. Rt. Sur.

87878 11772



Site Search

Permit Information

New Search

App/Permit: 87878
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 87879

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.704600 **LONGITUDE:** -118.210309

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	4/24/2018
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	SW¼NW¼ Section 7, T.21N., R.34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	533 cattle
PLACE OF USE:	SW¼NW¼ Section 7, T.21N., R.34E., M.D.M.
DIVERSION RATE:	0.0166 cfs
ALLOWED DUTY:	11.94 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATES:	POC 1/29/20; PBU 1/29/21
REMARKS:	Silver Hill Canyon Creek
	Dixie Valley Allotment

POD PARCEL:	Churchill County APN 003-831-19
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-831-19
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

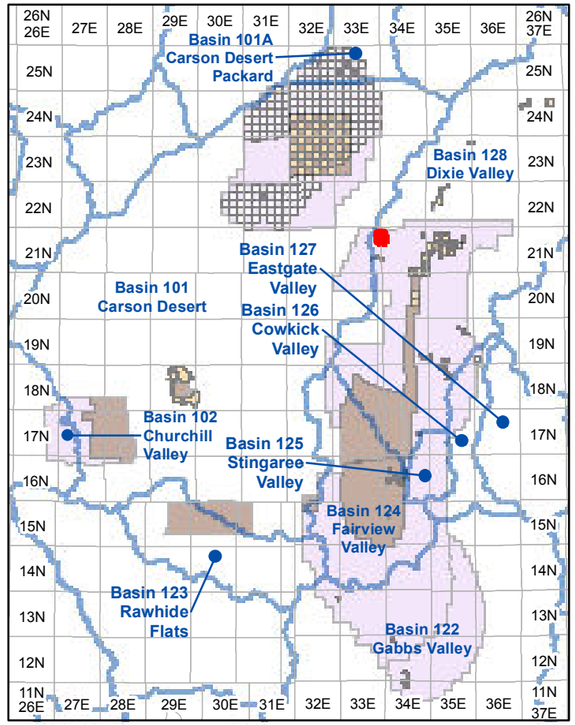
Permit 87878

The current owner of Permit 87878 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on January 29, 2019. It has a priority date of April 24, 2018 and an allowed diversion rate of 0.0166 CFS. The permitted manner of use is for stock-watering purposes. The total combined duty of water under Claims of Vested Right V11305, V11306, and V11307; and Permit 87763, 87764, 87765, 87766, 87769, 87877, 87878, 87879, 87881, 87882, 87883, 87884, 87885, 87886, 87887, 87888, 87889, 87888, 87889, 87890, 87891, 87892, 87893, 87894, 87895, 87896, and 87897 shall not exceed 11.94 acre-feet annually. The allowed period of use is from January 1 through December 31.

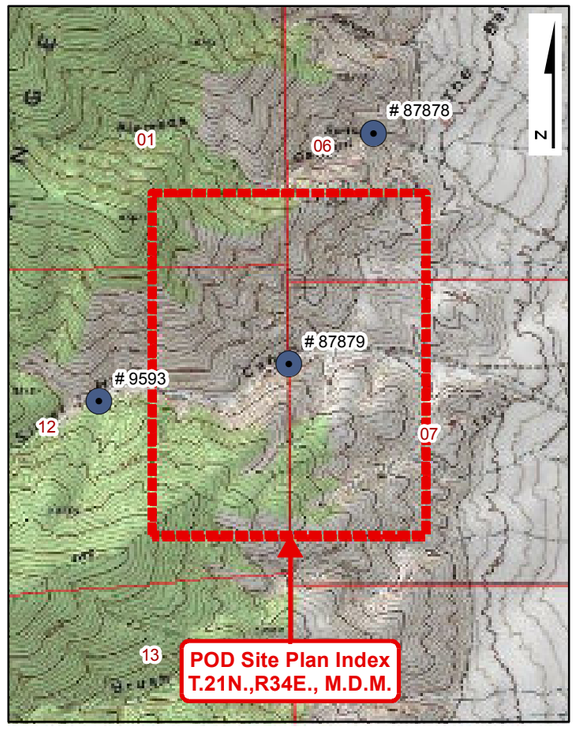
The point of diversion is located within the NW¼SW¼ Section 6, Township 21N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-831-19 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
	Lot 6	6	21N	34E	533 cattle

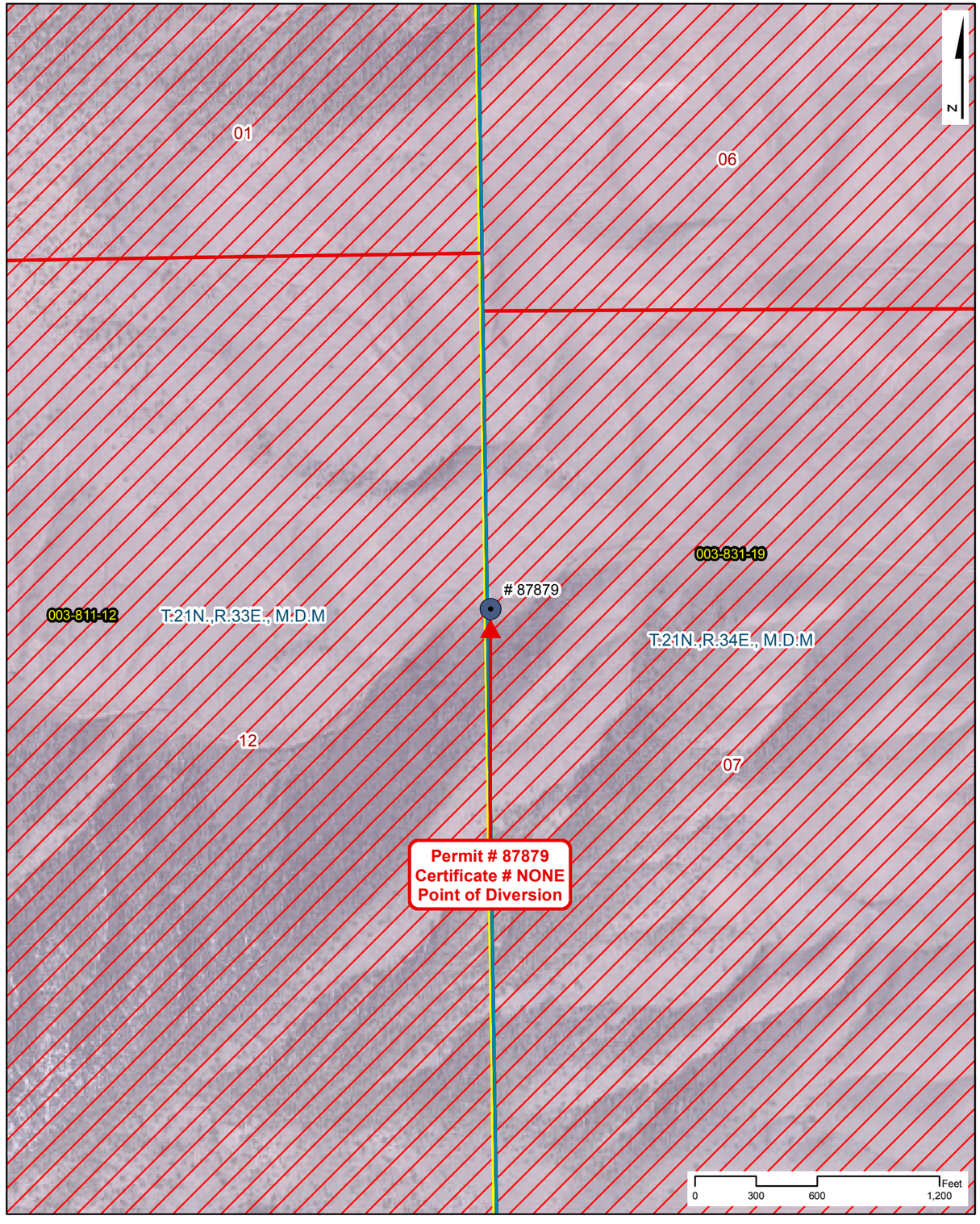
The Proof of Completion for Permit 87878 has a due date of January 29, 2020. The Proof Beneficial Use has a due date of January 29, 2021.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87879 **CERTIFICATE: NONE**

BASIN: Dixie Valley (128) **COUNTY: Churchill**
LATITUDE: 39.7046 **LONGITUDE: -118.210309**
POINT OF DIVERSION: **SW1/4,NW1/4, Section 7, T.21N.,R34E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **N/A**
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP
Bench Creek Ranch Co., LLC

PRIORITY DATE: **4/24/2018**
PERMIT DATE: **1/29/2019**
CERTIFICATE DATE:
DUE DATE: **POC - 1/29/20; PBU - 1/29/21**

USE UNITS
533 Cattle

SOURCE DESCRIPTION: **Spring**
MANNER OF USE: **Stock-Watering**
DIVERSION RATE: **0.0166 CFS**
ALLOWED DUTY: **11.940 AFA**
PERIOD OF USE: **01/01-12/31**

GIS PARCEL DATA
A.P.N. 003-831-19, CHURCHILL COUNTY BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index
- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use
- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87879
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:48:49 AM

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**SPRING (SILVER HILL CANYON CREEK SPRINGS)**
Basin:	**DIXIE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**04/24/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Claims of Vested Right V11305, V11306 and V11307; Permits 87763 through 87769 inclusive; Permits 87877 through 87879 inclusive and Permits 87881 through 87897 inclusive shall not exceed 11.94 acre-feet annually.

This permit is subject to the condition that the permittee must ensure that wildlife which have customarily used such water will have access thereto, NRS 533.367.

It is understood that the amount of water wherein granted is limited to the amount of water actually produced by the spring, and no rights in excess of that amount are implied or inferred.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.01666 cubic feet per second and 11.94 acre-feet annually, or sufficient to water 533 head of cattle.**

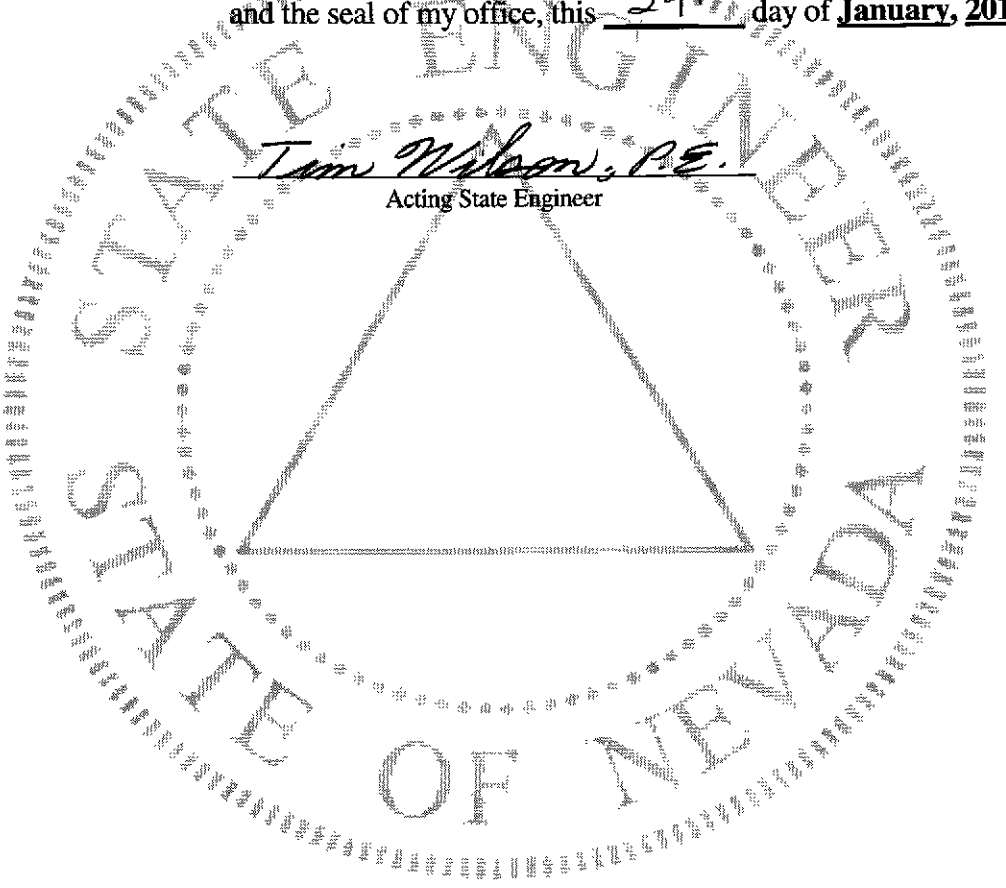
Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **January 29 2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **January 29 2021**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **January, 2019**



Tim Wilson, P.E.
Acting State Engineer

Application No. 87879

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office APR 2 4 2018

Returned to applicant for correction

Corrected Application filed ____ Map filed April 29, 1947 Under [illegible]770

RECEIVED
2018 APR 24 PM 3:08
STATE ENGINEERS OFFICE

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code)

(E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

(If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

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1. The source of water is Silver Hill Canyon Creek (Springs)
   Name of the stream, lake, underground, spring or other sources.
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   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12)
   (d) Power:
      (1) Horsepower developed
      (2) Point of return of water to stream

Revised 06/17

10-128 CN

87879

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)
within the SW¼ NW¼ (Lot 2) of Section 7, T.21N., R.34E., M.D.B.&M., or at a point from which the N¼ corner of said Section 7 bears N. 55° 05' E., a distance of 3,270 feet. (Please see map filed under 11770).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)
within the SW¼ NW¼ (Lot 2) of Section 7, T.21N., R.34E., M.D.B.&M. (Please see map filed under 11770).

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2018 APR 24 PM 3:09
STATE ENGINEERS OFFICE

7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)
It currently is proposed that a trough system be installed to collect water from the creek (which is fed mostly by a system of springs); however, works might not be installed as cattle currently have access to naturally flowing source.

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10. Estimated time required to construct works: 2 Years
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 3 Years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)
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13. Miscellaneous remarks:
Please See "Attachment A"

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3108 Silver Sage Dr., STE 102
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT

Revised 06/17 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

87879

Attachment A

13. Miscellaneous remarks:

Silver Hill Canyon Creek (Springs) is located within the Dixie Valley Grazing Allotment (owned by the Applicant) on public land. On denied application 11770, this source is listed as "Silver Hill Canyon Creek". Review of the source, as well as discussions with Bench Creek Ranch staff have identified that this source is primarily fed by a system of springs. For this reason, on the new application I am referring to the source as "Silver Hill Canyon Creek (Springs). Stock have historically used this creek fed by springs as a water source. Stock are currently able to access the source, which is naturally flowing.

RECEIVED
2018 APR 24 PM 3:09
STATE ENGINEERS OFFICE

Please note that Application 11770 was filed in 1947, and subsequently denied under Ruling No. 41 in 1950. Based on review of the Ruling it appears that at the time these springs were used by many ranchers in Dixie Valley, which led to the application's Denial by the State Engineer (Ruling No. 41, pg. 2). In the 1940s Dixie Valley had a sizable ranching community, so it would make sense why these sources of water (including Silver Hill Canyon Creek (Springs)) were historically used by many parties. The Dixie Valley Ranch Community (in T.21N., R.34E., and T. 21N., R.35E., M.D.B.&M.) is more or less a ghost town and its inhabitants are no more.

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Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st, through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

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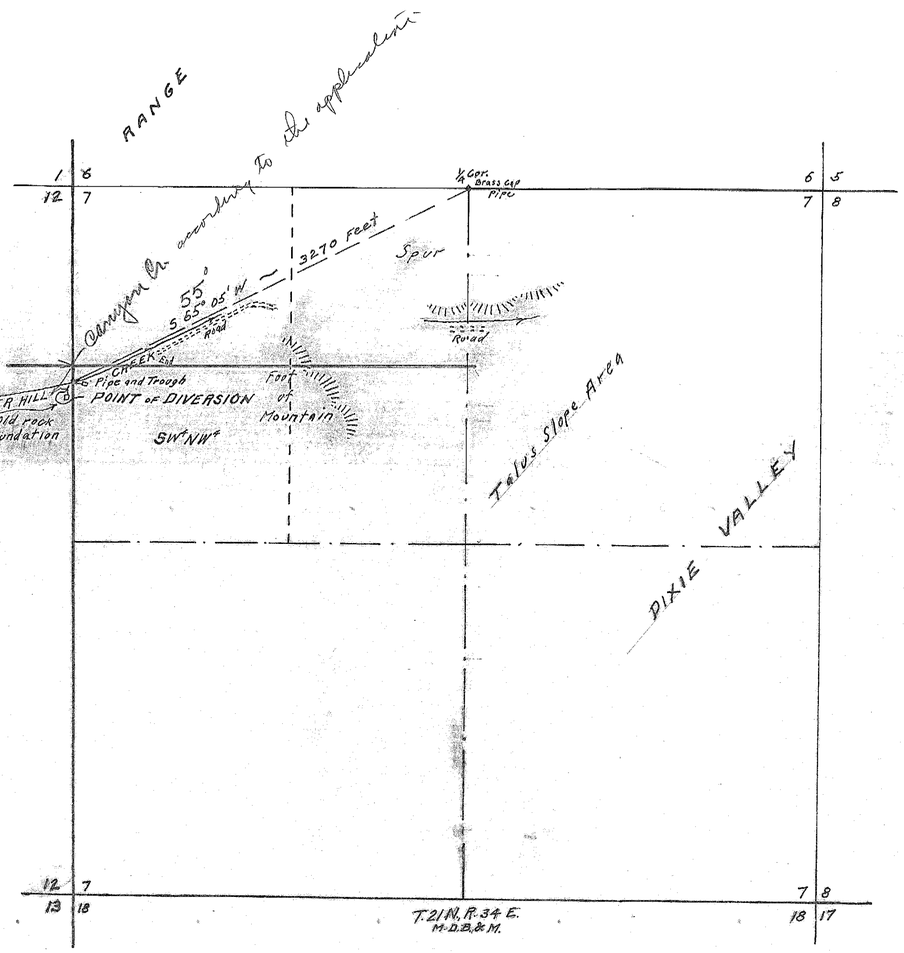
0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AF

Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA



STATE of NEVADA }
County of Ormsby } S.S.

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E. P. Osgood
State Water Right Surveyor

Subscribed and sworn to before me this 29th day of April 1947

C E Rice
My Commission expires July 6, 1949
Notary Public in & for Ormsby County, Nevada

N

SCALE
1 Inch = 600 Feet
1000 500 0 1000 1500 2000

FILED
April 29, 1947
STATE ENGINEER'S OFFICE

MAP
To Accompany Application to Appropriate
WATER FOR STOCKWATERING
By FALLON ICE & COLD STORAGE CO., INC.
and NATHAN MERRITT, JR.
From SILVER HILL CREEK (S) Canyon
Churchill County, Nevada
April 1, 1947 E. P. Osgood, State Water Right Surveyor

87870 11770

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 87879
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

General

Owner(s): BENCH CREEK RANCH CO, LLC
Basin: DIXIE VALLEY - 128
Sub Basin:
Basin Status: DESIGNATED
Region: CENTRAL
County: CHURCHILL
Resource Specialist: Mark Beutner

Previous Applications(Base Rights)

Change of App No	POD	POU	MOU
No records to display.			

Source: SPRING
Source Description: SILVER HILL CANYON CREEK SPRINGS
Project Name:
Decree Name:
Use: STOCKWATERING
Period Start: 0101
Period End: 1231

Point of Diversion Information

Qtr-Qtr:	Qtr:	Section:	Township:	Range:
SW	NW	07	21N	34E

Duty-Balance 11.955 AFA
Div Balance 0.0166
Acre-Feet Storage 0
Well Logs:
Remarks:

Copyright © 2019
State of Nevada Division of Water Resources
Last updated 1/16/2019
Acceptable Use Policy

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 87887

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.6892 **LONGITUDE:** -118.2084

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	4/24/2018
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	SW¼NW¼ Section 18, T.21N., R.34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	533 cattle
PLACE OF USE:	SW¼NW¼ Section 18, T.21N., R.34E., M.D.M.
DIVERSION RATE:	0.0166 cfs
ALLOWED DUTY:	11.94 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATES:	POC 1/29/20; PBU 1/29/21
REMARKS:	Brush Canyon Spring Dixie Valley Allotment

POD PARCEL:	Churchill County APN 003-831-19
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-831-19
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

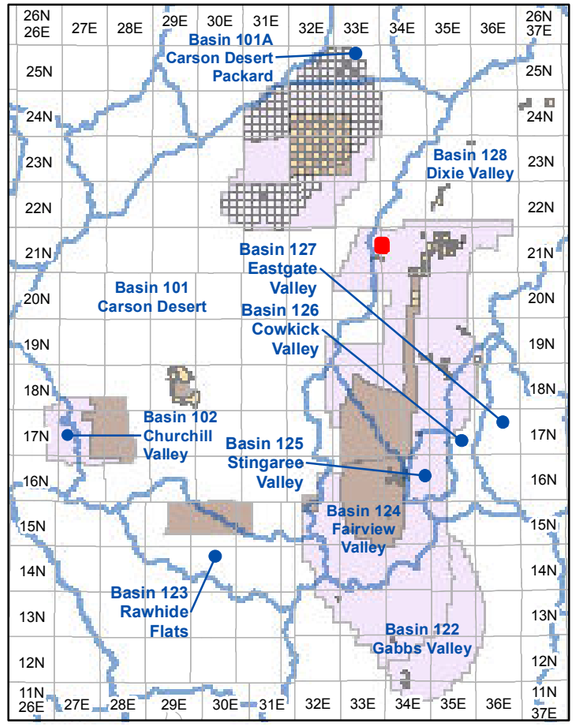
Permit 87887

The current owner of Permit 87887 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on January 29, 2019. It has a priority date of April 24, 2018 with an allowed diversion rate of 0.0166 CFS. The permitted manner of use is for stock-watering purposes. The total combined duty of water under Claims of Vested Right V11305, V11306 and V11307; and Permit 87763, 87764, 87765, 87766, 87769, 87877, 87878, 87879, 87881, 87882, 87883, 87884, 87885, 87886, 87887, 87888, 87889, 87888, 87889, 87890, 87891, 87892, 87893, 87894, 87895, 87896 and 87897 shall not exceed 11.94 acre-feet annually. The allowed period of use is from January 1 through December 31.

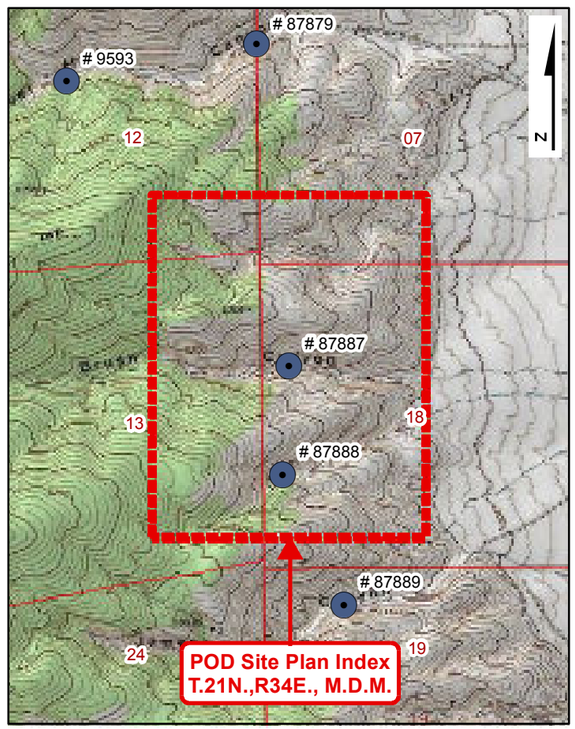
The point of diversion is located within the SW¼NW¼ Section 18, Township 21N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-831-19 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
	Lot 2	18	21N	34E	533 cattle

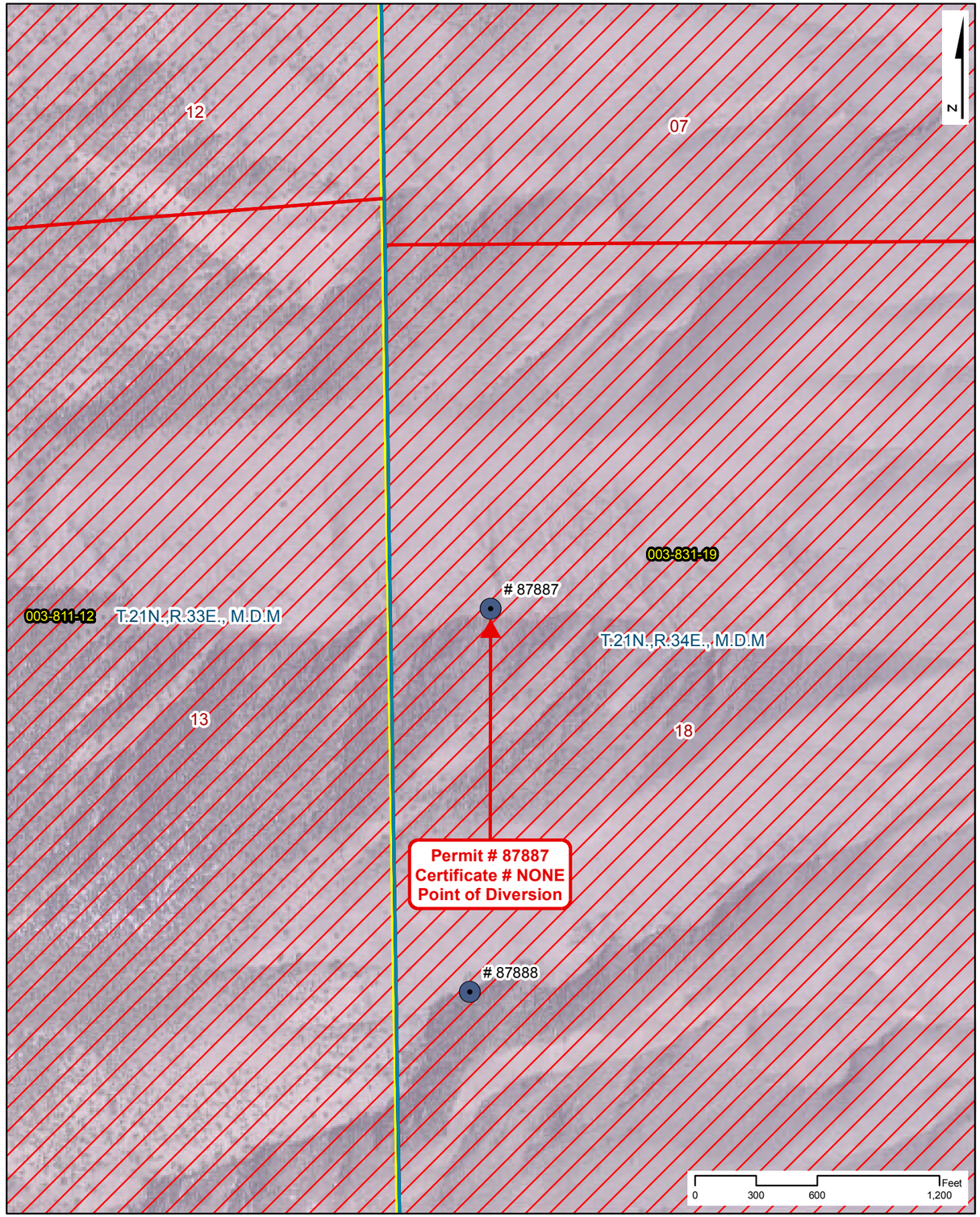
The Proof of Completion for Permit 87887 has a due date of January 29, 2020, and the Proof Beneficial Use has a due date of January 29, 2021.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87887 **CERTIFICATE: NONE**

BASIN: Dixie Valley (128) **COUNTY: Churchill**
LATITUDE: 39.6892 **LONGITUDE: -118.2084**
POINT OF DIVERSION: SW1/4,NW1/4, Section 18, T.21N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Bench Creek Ranch Co., LLC

PRIORITY DATE: 4/24/2018
PERMIT DATE: 1/29/2019
CERTIFICATE DATE:
DUE DATE: POC - 1/29/20; PBU - 1/29/21

USE UNITS

533 Cattle

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.0166 CFS
ALLOWED DUTY: 11.940 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-831-19, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87887
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd =- GIS Specilist: Eric Herron =- Publication Date: 10/5/2019 10:48:51 AM

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**SPRING (BRUSH CANYON SPRING)**
Basin:	**DIXIE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**04/24/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Claims of Vested Right V11305, V11306 and V11307; Permits 87763 through 87769 inclusive; Permits 87877 through 87879 inclusive and Permits 87881 through 87897 inclusive shall not exceed 11.94 acre-feet annually.

This permit is subject to the condition that the permittee must ensure that wildlife which have customarily used such water will have access thereto, NRS 533.367.

It is understood that the amount of water wherein granted is limited to the amount of water actually produced by the spring, and no rights in excess of that amount are implied or inferred.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.01666 cubic feet per second and 11.94 acre-feet annually, or sufficient to water 533 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **January** 29 **2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **January** 29 **2021**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **January, 2019**

STATE ENGINEER STATE OF NEVADA

Tim Wilson, P.E.
Acting State Engineer

Application No. 87887

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

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2018 APR 24 PM 3:16
STATE ENGINEERS OFFICE

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office APR 24 2018

Returned to applicant for correction _____

Corrected Application filed _____ Map filed APR 24 2018

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code) _____ (E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

(If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

---

1. The source of water is Brush Canyon Spring
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet _____
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated _____
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12) _____
   (d) Power:
      (1) Horsepower developed _____
      (2) Point of return of water to stream _____

Revised 06/17

10-128 cr

87887

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the SW¼ NW¼ (Lot 2) of Section 18, T.21N., R.34E., M.D.B.&M., or at a point from which the W¼ corner of Section 19, T.21N., R.35E., M.D.B.&M. bears S. 78° 59' 46.98" E., a distance of 31,647.8 feet. (Please see map accompanying this application).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

within the SW¼ NW¼ (Lot 2) of Section 18, T. 21 N., R.34E., M.D.B.&M. (Please see map accompanying this application)

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7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

No proposed works. Cattle currently have access to naturally flowing spring.

9. Estimated cost of works: $0.00

10. Estimated time required to construct works: N/A - Works complete
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 1 Year

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Stock have historically and currently use water from this naturally flowing spring. No proposed works at this time.

13. Miscellaneous remarks:

Please See "Attachment A"

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3108 Silver Sage Dr., STE 102
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

Revised 06/17 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

87837

Attachment A

13. Miscellaneous remarks:

Brush Canyon Spring is located within the Dixie Valley Grazing Allotment (owned by the Applicant), and stock have historically used this spring as a water source. Stock are currently able to access the spring, which is naturally flowing.

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Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st, through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

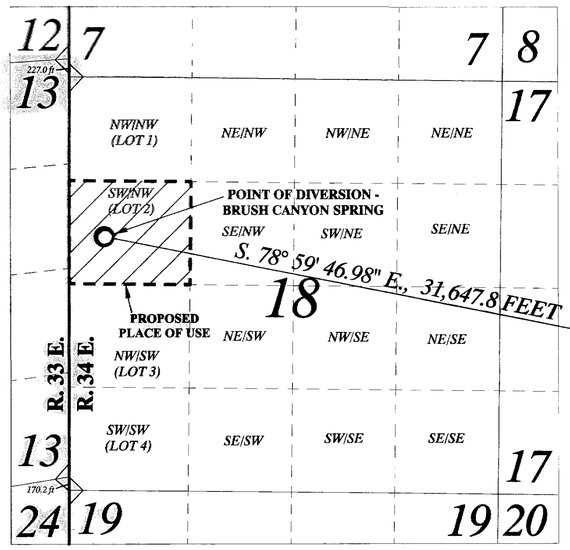
Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

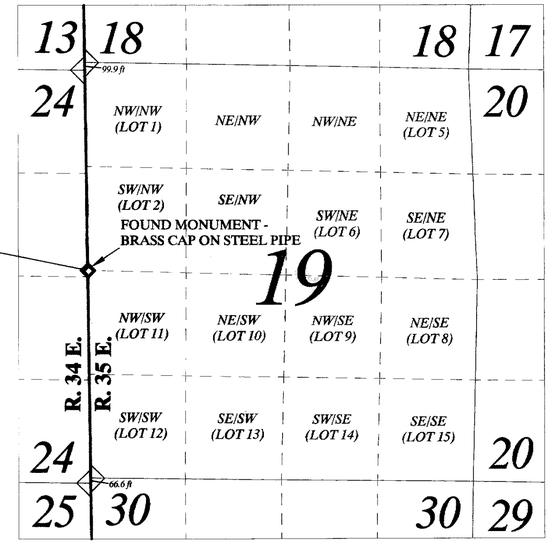
Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA



PORTIONS OF TOWNSHIP 21 NORTH,
RANGE 34 EAST, M.D.B.&M.



PORTIONS OF TOWNSHIP 21 NORTH,
RANGE 35 EAST, M.D.B.&M.

LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- FOUND (1/4) CORNER MONUMENT
- PROPOSED PLACE OF USE

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

1 inch = 1,000 feet

STATE OF NEVADA
COUNTY OF CARSON CITY } SS

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF BRUSH CANYON SPRING, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER - STATE OF NEVADA
CHRISTOPHER G. MOLTZ
Exp. 12/31/19
CIVIL
No. 021335

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 19 DAY OF April, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON
NOTARY PUBLIC
STATE OF NEVADA
No. 94-2 Appt. Exp. Sept. 4, 2019

BRUSH CANYON SPRING

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ NW¼ (LOT 2) OF SECTION 18, T.21N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE W¼ CORNER OF SECTION 19, T.21N., R.35E., M.D.B.&M. BEARS S. 78º 59' 46.98" E., A DISTANCE OF 31,647.8 FEET.

PROPOSED PLACE OF USE

WITHIN THE SW¼ NW¼ (LOT 2) OF SECTION 18, T.21N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. GENERAL LAND OFFICE SURVEY DATED OCTOBER 3, 1930 FOR T. 21 N., R. 34 E., M.D.B. & M. AND FROM A BUREAU OF LAND MANAGEMENT DEPENDENT RESURVEY DATED OCTOBER 31, 1973 FOR T. 21 N., R. 35 E., M.D.B.&M.

N

GPS COORDINATES [NAD 83]

W¼ CORNER OF SECTION 19, T. 21 N., R. 35 E., M.D.B.&M.	*N 39º 40' 21.53" W 118º 5' 52.76"*
PROPOSED POD - BRUSH CANYON SPRING	*N 39º 41' 21.04" W 118º 12' 30.15"*

MARCH 24, 2018 *Sheet 1 of 1*

STATE ENGINEER'S USE

87887

FILED
APR 24 2018
STATE ENGINEER'S OFFICE

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2018 APR 24 PM 3:29
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
BRUSH CANYON SPRING
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87887



Site Search

Permit Information

New Search

App/Permit: 87887
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 87888

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.68404 **LONGITUDE:** -118.208791

OWNERSHIP:	Bench Creek Ranch Co., LLC
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PLACE OF USE:	NW¼SW¼ Section 18, T.21N., R.34E., M.D.M.
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REMARKS:	Tammy Canyon Spring Dixie Valley Allotment

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POD PARCEL OWNER:	Bureau of Land Management
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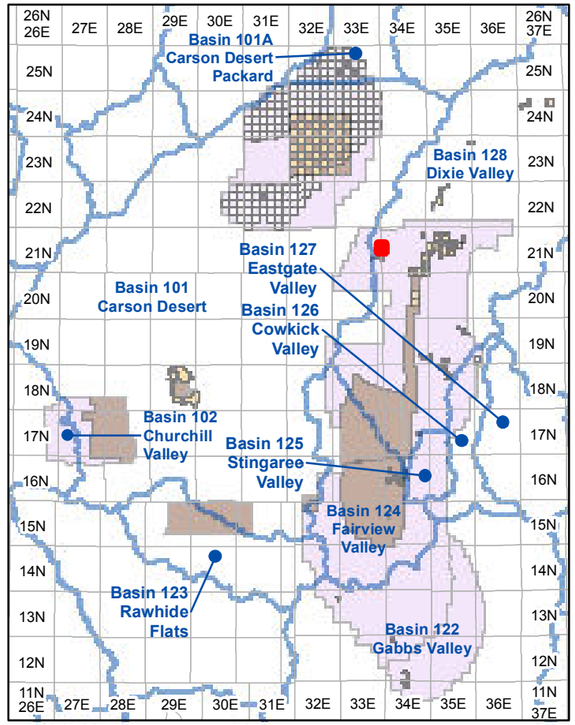

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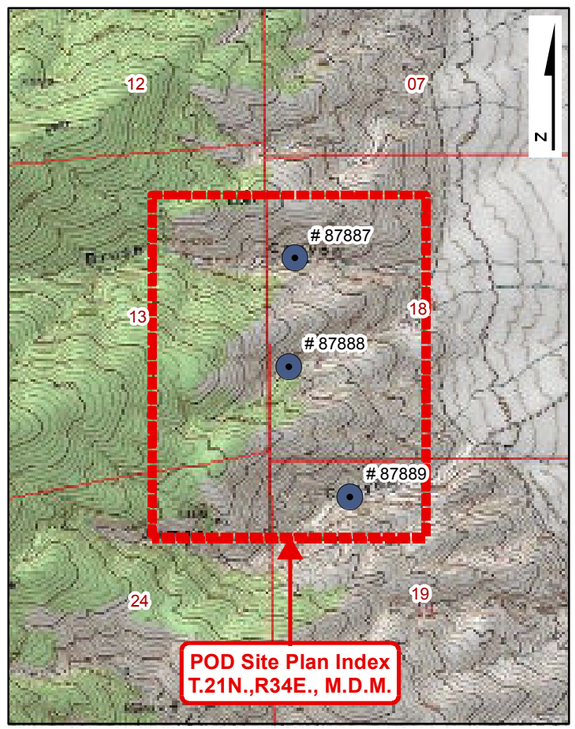

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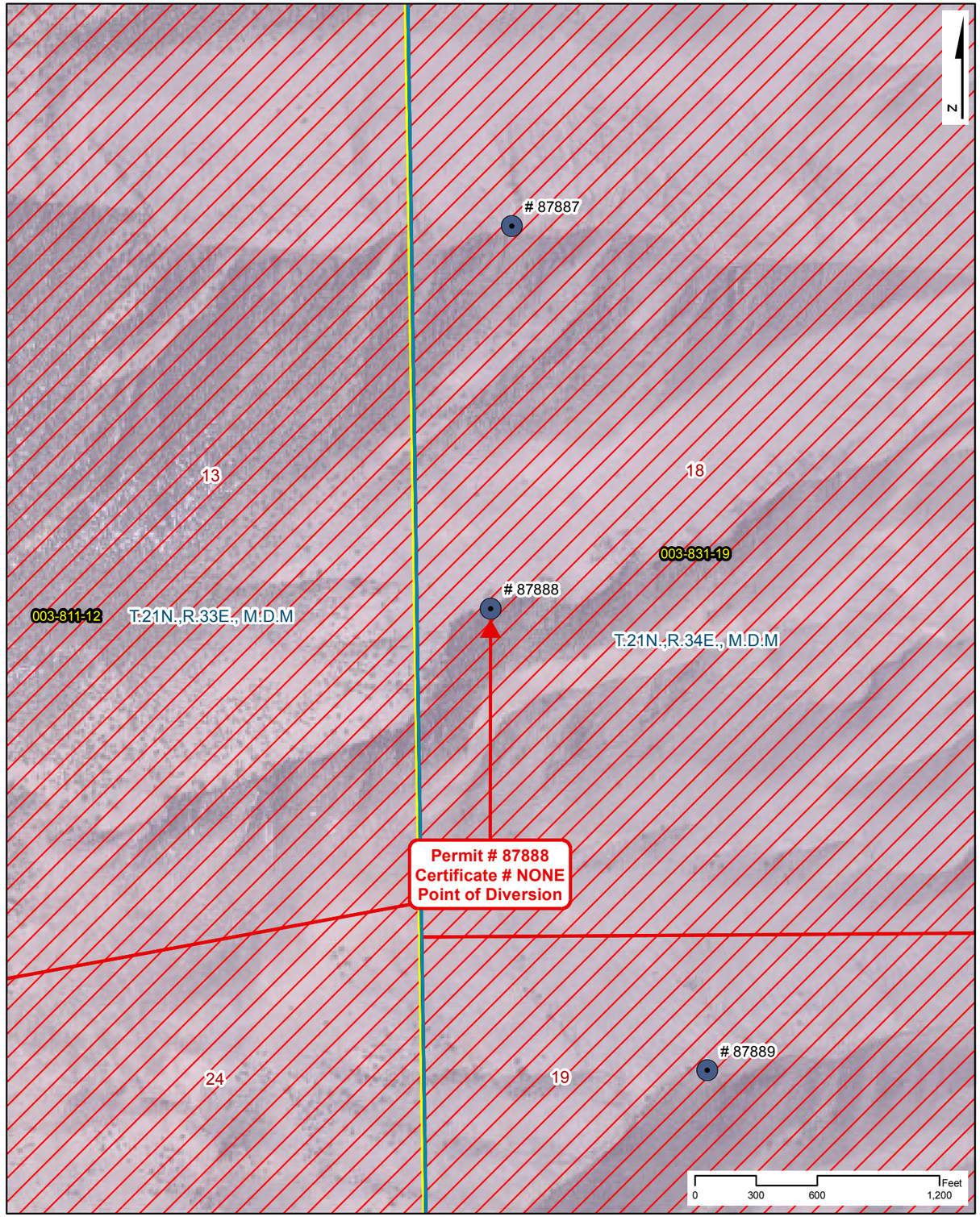

Point of Diversion Site Plan
Scale: 1" = 600'

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CONTRACT# N62473-17-D-4631

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- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
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- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87888
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:48:54 AM

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**SPRING (TAMMY CANYON SPRING)**
Basin:	**DIXIE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**04/24/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Claims of Vested Right V11305, V11306 and V11307; Permits 87763 through 87769 inclusive; Permits 87877 through 87879 inclusive and Permits 87881 through 87897 inclusive shall not exceed 11.94 acre-feet annually.

This permit is subject to the condition that the permittee must ensure that wildlife which have customarily used such water will have access thereto, NRS 533.367.

It is understood that the amount of water wherein granted is limited to the amount of water actually produced by the spring, and no rights in excess of that amount are implied or inferred.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.01666 cubic feet per second and 11.94 acre-feet annually, or sufficient to water 533 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **January 29 2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **January 29 2021**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **January, 2019**

Tim Wilson PE

Acting State Engineer

STATE ENGINEER STATE OF NEVADA

Application No. 87888

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office APR 24 2018

Returned to applicant for correction

Corrected Application filed Map filed APR 24 2018

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2018 APR 24 PM 3:17
STATE ENGINEERS OFFICE

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code)

(E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

---

1. The source of water is Tammy Canyon Spring
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12)
   (d) Power:
      (1) Horsepower developed
      (2) Point of return of water to stream

Revised 06/17

10-128

87888

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the NW¼ SW¼ (Lot 3) of Section 18, T.21N., R.34E., M.D.B.&M., or at a point from which the W¼ corner of Section 19, T.21N., R.35E., M.D.B.&M. bears S. 82° 22' 56.02" E., a distance of 31,463.2 feet. (Please see map accompanying this application).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

within the NW¼ SW¼ (Lot 3) of Section 18, T. 21 N., R.34E., M.D.B.&M. (Please see map accompanying this application)

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STATE ENGINEER'S OFFICE

7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

No proposed works. Cattle currently have access to naturally flowing spring.

9. Estimated cost of works: $0.00

10. Estimated time required to construct works: N/A - Works complete
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 1 Year

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Stock have historically and currently use water from this naturally flowing spring. No proposed works at this time.

13. Miscellaneous remarks:

Please See "Attachment A"

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3108 Silver Sage Dr., STE 102
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

87888

Attachment A

13. Miscellaneous remarks:

Tammy Canyon Spring is located within the Dixie Valley Grazing Allotment (owned by the Applicant), and stock have historically used this spring as a water source. Stock are currently able to access the spring, which is naturally flowing.

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STATE ENGINEER'S OFFICE

Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st, through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

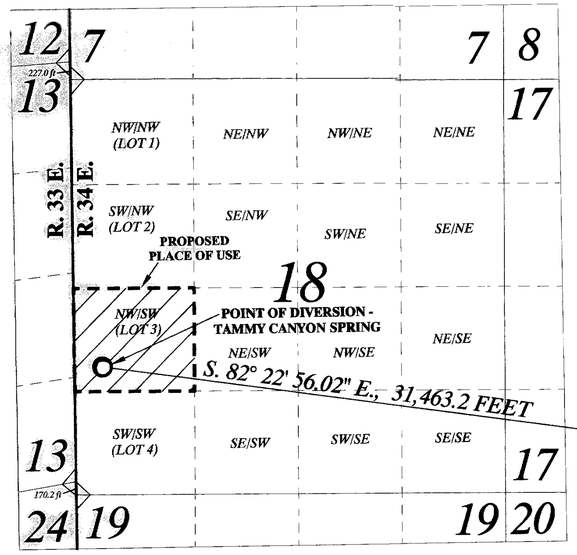
Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

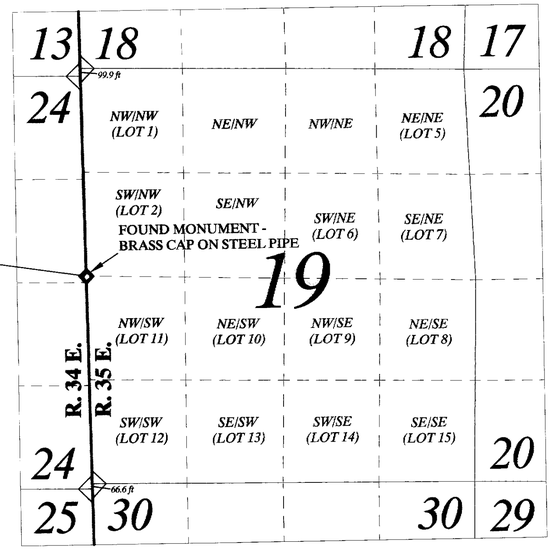
Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA



PORTIONS OF TOWNSHIP 21 NORTH,
RANGE 34 EAST, M.D.B.&M.



PORTIONS OF TOWNSHIP 21 NORTH,
RANGE 35 EAST, M.D.B.&M.

LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- FOUND (1/4) CORNER MONUMENT
- PROPOSED PLACE OF USE

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

1 inch = 1,000 feet

GPS COORDINATES [NAD 83]

W¼ CORNER OF SECTION 19, T. 21 N., R. 35 E., M.D.B.&M.	*N 39° 40' 21.53" W 118° 5' 52.76"*
PROPOSED POD - TAMMY CANYON SPRING	*N 39° 41' 2.56" W 118° 12' 31.65"*

STATE OF NEVADA }
COUNTY OF CARSON CITY } ss

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF TAMMY CANYON SPRING, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER - STATE OF NEVADA
CHRISTOPHER G. MOLTZ
Exp. 12/31/19
CIVIL
No. 023756

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 19 DAY OF April, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON
NOTARY PUBLIC
STATE OF NEVADA
No. 15-2523-3 My Appt. Exp. Sept. 4, 2019

TAMMY CANYON SPRING

PROPOSED POINT OF DIVERSION

WITHIN THE NW¼ SW¼ (LOT 3) OF SECTION 18, T.21N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE W¼ CORNER OF SECTION 19, T.21N., R.35E., M.D.B.&M. BEARS S. 82º 22' 56.02" E., A DISTANCE OF 31,463.2 FEET.

PROPOSED PLACE OF USE

WITHIN THE NW¼ SW¼ (LOT 3) OF SECTION 18, T.21N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. GENERAL LAND OFFICE SURVEY DATED OCTOBER 3, 1930 FOR T. 21 N., R. 34 E., M.D.B. & M. AND FROM A BUREAU OF LAND MANAGEMENT DEPENDENT RESURVEY DATED OCTOBER 31, 1973 FOR T. 21 N., R. 35 E., M.D.B.&M.

N

APRIL 18, 2018 *Sheet 1 of 1*

STATE ENGINEER'S USE 87888

FILED
APR 24 2018
STATE ENGINEER'S OFFICE

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2018 APR 26 PM 3:29
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
TAMMY CANYON SPRING
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87888



Site Search

Permit Information

New Search

App/Permit: 87888
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 87889

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.667805 **LONGITUDE:** -118.205047

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	4/24/2018
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NW¼NW¼ Section 19, T.21N., R.34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	533 cattle
PLACE OF USE:	NW¼NW¼ Section 19, T.21N., R.34E., M.D.M.
DIVERSION RATE:	0.0166 cfs
ALLOWED DUTY:	11.94 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATES:	POC 1/29/20; PBU 1/29/21
REMARKS:	James Canyon Spring
	Dixie Valley Allotment

POD PARCEL:	Churchill County APN 003-831-19
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-831-19
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

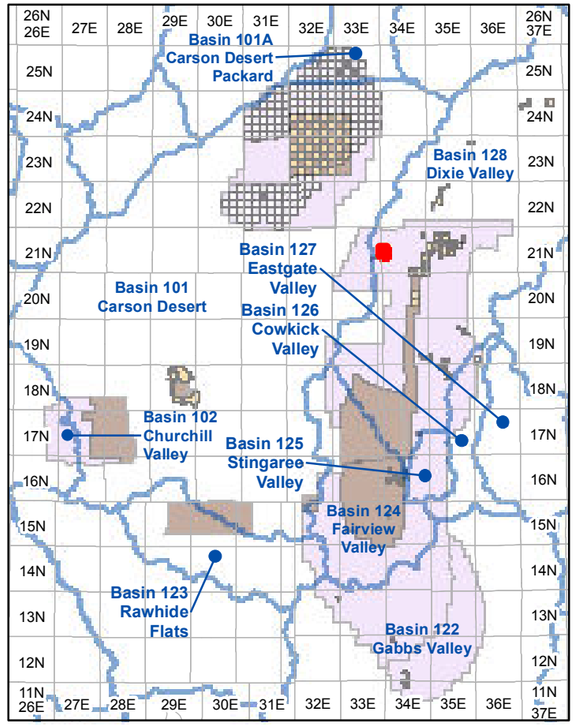
Permit 87889

The current owner of Permit 87889 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on January 29, 2019. It has a priority date of April 24, 2018 and an allowed diversion rate of 0.0166 CFS. The permitted manner of use is for stock-watering purposes. The total combined duty of water under Claims of Vested Right V11305, V11306, and V11307; and Permit 87763, 87764, 87765, 87766, 87769, 87877, 87878, 87879, 87881, 87882, 87883, 87884, 87885, 87886, 87887, 87888, 87889, 87888, 87889, 87890, 87891, 87892, 87893, 87894, 87895, 87896, and 87897 shall not exceed 11.94 acre-feet annually. The allowed period of use is from January 1 through December 31.

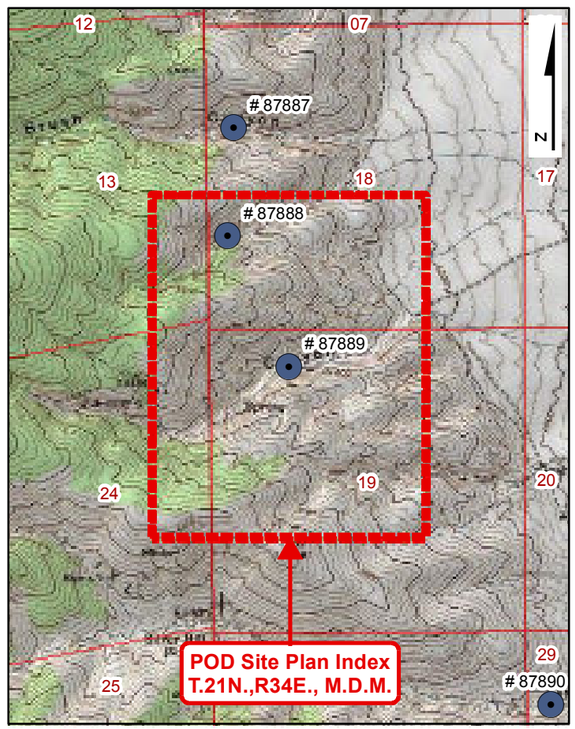
The point of diversion is located within the NW¼NW¼ Section 19, Township 21N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-831-19 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
	Lot 1	19	21N	34E	533 cattle

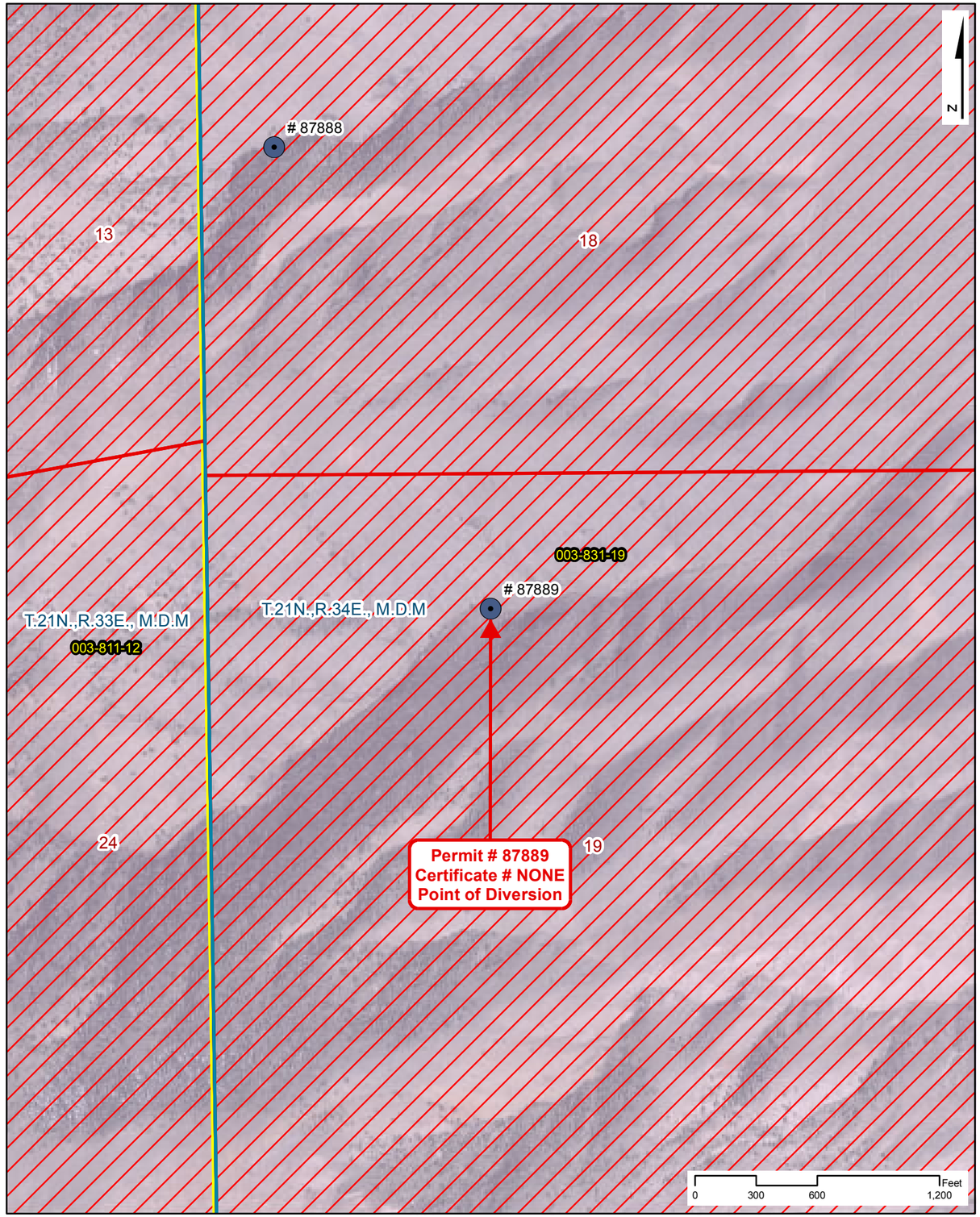
The Proof of Completion for Permit 87889 has a due date of January 29, 2020, and the Proof Beneficial Use has a due date of January 29, 2021.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87889 **CERTIFICATE: NONE**

BASIN: Dixie Valley (128) **COUNTY: Churchill**
LATITUDE: 39.677805 **LONGITUDE: -118.205047**
POINT OF DIVERSION: NW1/4,NW1/4, Section 19, T.21N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP
Bench Creek Ranch Co., LLC

PRIORITY DATE: 4/24/2018
PERMIT DATE: 1/29/2019
CERTIFICATE DATE:
DUE DATE: POC - 1/29/20; PBU - 1/29/21

USE UNITS
533 Cattle

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.0166 CFS
ALLOWED DUTY: 11.940 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA
A.P.N. 003-831-19, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index
- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use
- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87889
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:48:56 AM

Permit No. 87889

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**SPRING (JAMES CANYON SPRING)**
Basin:	**DIXIE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**04/24/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Claims of Vested Right V11305, V11306 and V11307; Permits 87763 through 87769 inclusive; Permits 87877 through 87879 inclusive and Permits 87881 through 87897 inclusive shall not exceed 11.94 acre-feet annually.

This permit is subject to the condition that the permittee must ensure that wildlife which have customarily used such water will have access thereto, NRS 533.367.

It is understood that the amount of water wherein granted is limited to the amount of water actually produced by the spring, and no rights in excess of that amount are implied or inferred.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.01666 cubic feet per second and 11.94 acre-feet annually, or sufficient to water 533 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **January 29 2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **January 29 2021**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **January, 2019**

Tim Wilson, P.E.

Acting State Engineer

STATE ENGINEER STATE OF NEVADA

87889

Application No. _____

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office APR 24 2018

Returned to applicant for correction _____

Corrected Application filed _____ Map filed APR 24 2018

RECEIVED
2018 APR 24 PM 3:17
STATE ENGINEERS OFFICE

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code) _____ (E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

---

1. The source of water is James Canyon Spring
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet _____
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated _____
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12) _____
   (d) Power:
      (1) Horsepower developed _____
      (2) Point of return of water to stream _____

Revised 06/17

10-126 CH

87859

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the NW¼ NW¼ (Lot 1) of Section 19, T.21N., R.34E., M.D.B.&M., or at a point from which the W¼ corner of Section 19, T.21N., R.35E., M.D.B.&M. bears S. 86° 23' 52.57" E., a distance of 30,194.0 feet. (Please see map accompanying this application).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

within the NW¼ NW¼ (Lot 1), and the NE¼ NW¼ of Section 19, T. 21 N., R.34E., M.D.B.&M. (Please see map accompanying this application)

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STATE ENGINEERS OFFICE

7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

No proposed works. Cattle currently have access to naturally flowing spring.

9. Estimated cost of works: $0.00

10. Estimated time required to construct works: N/A - Works complete
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 1 Year

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Stock have historically and currently use water from this naturally flowing spring. No proposed works at this time.

13. Miscellaneous remarks:

Please See "Attachment A"

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3108 Silver Sage Dr., STE 102
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

Attachment A

13. Miscellaneous remarks:

James Canyon Spring is located within the Dixie Valley Grazing Allotment (owned by the Applicant), and stock have historically used this spring as a water source. Stock are currently able to access the spring, which is naturally flowing.

RECEIVED
2018 APR 24 PM 3:18
STATE ENGINEERS OFFICE

Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st, through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

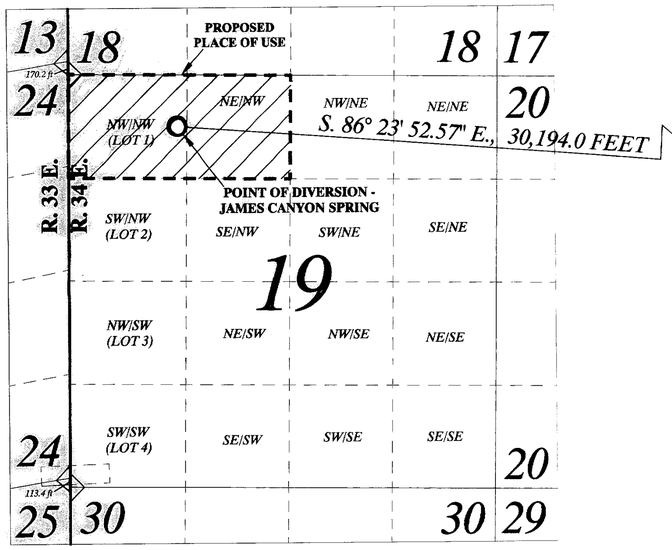
Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

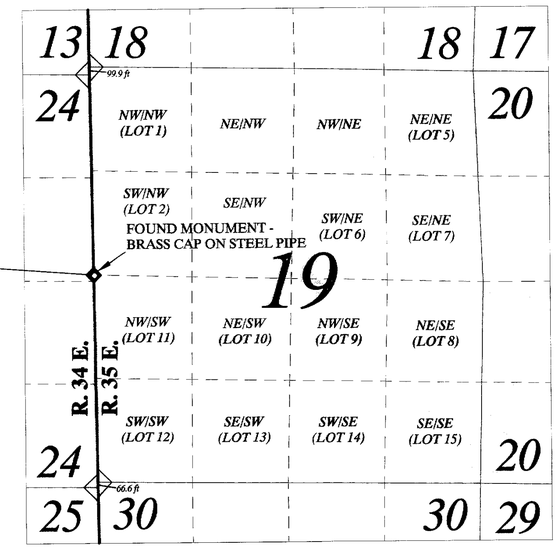
Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA



PORTIONS OF TOWNSHIP 21 NORTH,
RANGE 34 EAST, M.D.B.&M.



PORTIONS OF TOWNSHIP 21 NORTH,
RANGE 35 EAST, M.D.B.&M.

STATE OF NEVADA }
COUNTY OF CARSON CITY } ss

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF JAMES CANYON SPRING, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER - STATE OF NEVADA
CHRISTOPHER G. MOLTZ
Exp. 12/31/19
CIVIL
No. 023133
April 18, 2018

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 18 *DAY OF* April, 2018.

NOTARY PUBLIC IN AND FOR Carson City *COUNTY, NEVADA.*
MY COMMISSION EXPIRES September 4, 2019

JAMES CANYON SPRING

PROPOSED POINT OF DIVERSION

WITHIN THE NW¼ NW¼ (LOT 1) OF SECTION 19, T.21N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE W¼ CORNER OF SECTION 19, T.21N., R.35E., M.D.B.&M. BEARS S. 86º 23' 52.57" E., A DISTANCE OF 30,194.0 FEET.

PROPOSED PLACE OF USE

WITHIN THE NW¼ NW¼ (LOT 1), AND THE NE¼ NW¼ OF SECTION 19, T.21N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- FOUND (1/4) CORNER MONUMENT
- PROPOSED PLACE OF USE

SCALE
1,000 0 500 1,000 2,000 4,000 FEET
1 inch = 1,000 feet

N

GPS COORDINATES [NAD 83]

W¼ CORNER OF SECTION 19, T. 21 N., R. 35 E., M.D.B.&M.	*N 39° 40' 21.53" W 118° 5' 52.76"*
PROPOSED POD - JAMES CANYON SPRING	*N 39° 40' 40.10" W 118° 12' 18.17"*

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. GENERAL LAND OFFICE SURVEY DATED OCTOBER 3, 1930 FOR T. 21 N., R. 34 E., M.D.B. & M. AND FROM A BUREAU OF LAND MANAGEMENT DEPENDENT RESURVEY DATED OCTOBER 31, 1973 FOR T. 21 N., R. 35 E., M.D.B.&M.

MARCH 24, 2018 *Sheet 1 of 1*

STATE ENGINEER'S USE 87889

FILED
APR 24 2018
STATE ENGINEER'S OFFICE

STATE ENGINEERS OFFICE
2018 APR 24 PM 3:29
RECEIVED

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
JAMES CANYON SPRING
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company
3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87889



Site Search

Permit Information

New Search

App/Permit: 87889
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 87890

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.661614 **LONGITUDE:** -118.188942

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	4/24/2018
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NW¼NW¼ Section 29, T.21N., R.34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	533 cattle
PLACE OF USE:	NW¼NW¼ Section 29, T.21N., R.34E., M.D.M.
DIVERSION RATE:	0.0166 cfs
ALLOWED DUTY:	11.94 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATES:	POC 1/29/20; PBU 1/29/21
REMARKS:	IXL Canyon Spring Dixie Valley Allotment

POD PARCEL:	Churchill County APN 003-831-19
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-831-19
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

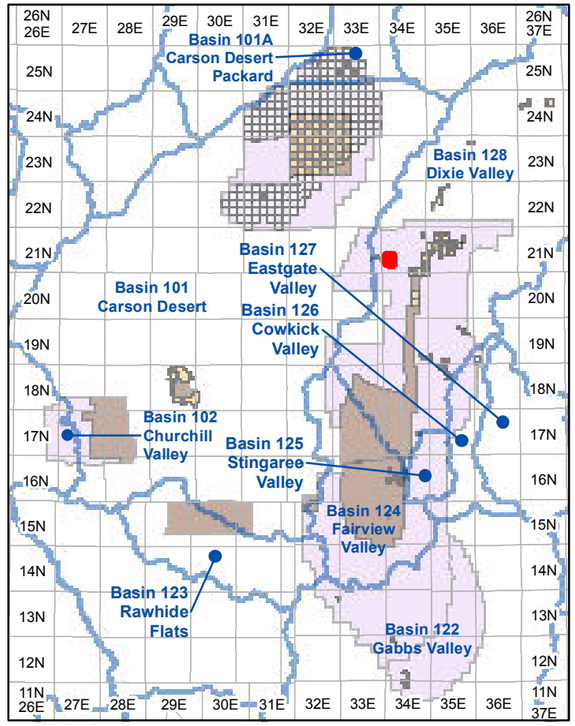
Permit 87890

The current owner of Permit 87890 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on January 29, 2019. It has a priority date of April 24, 2018 and a total duty of 11.94 acre-feet annually with an allowed diversion rate of 0.0166 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

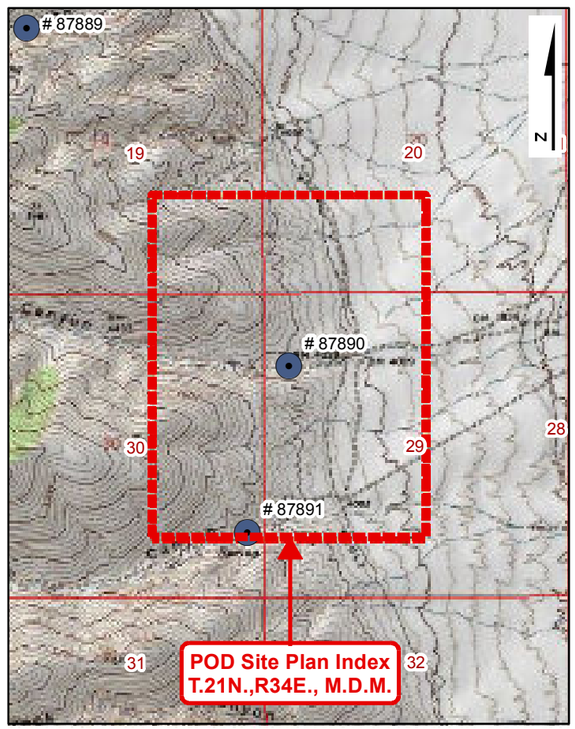
The point of diversion is located within the NW¼NW¼ Section 29, Township 21N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-831-19 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
NW	NW	29	21N	34E	533 cattle

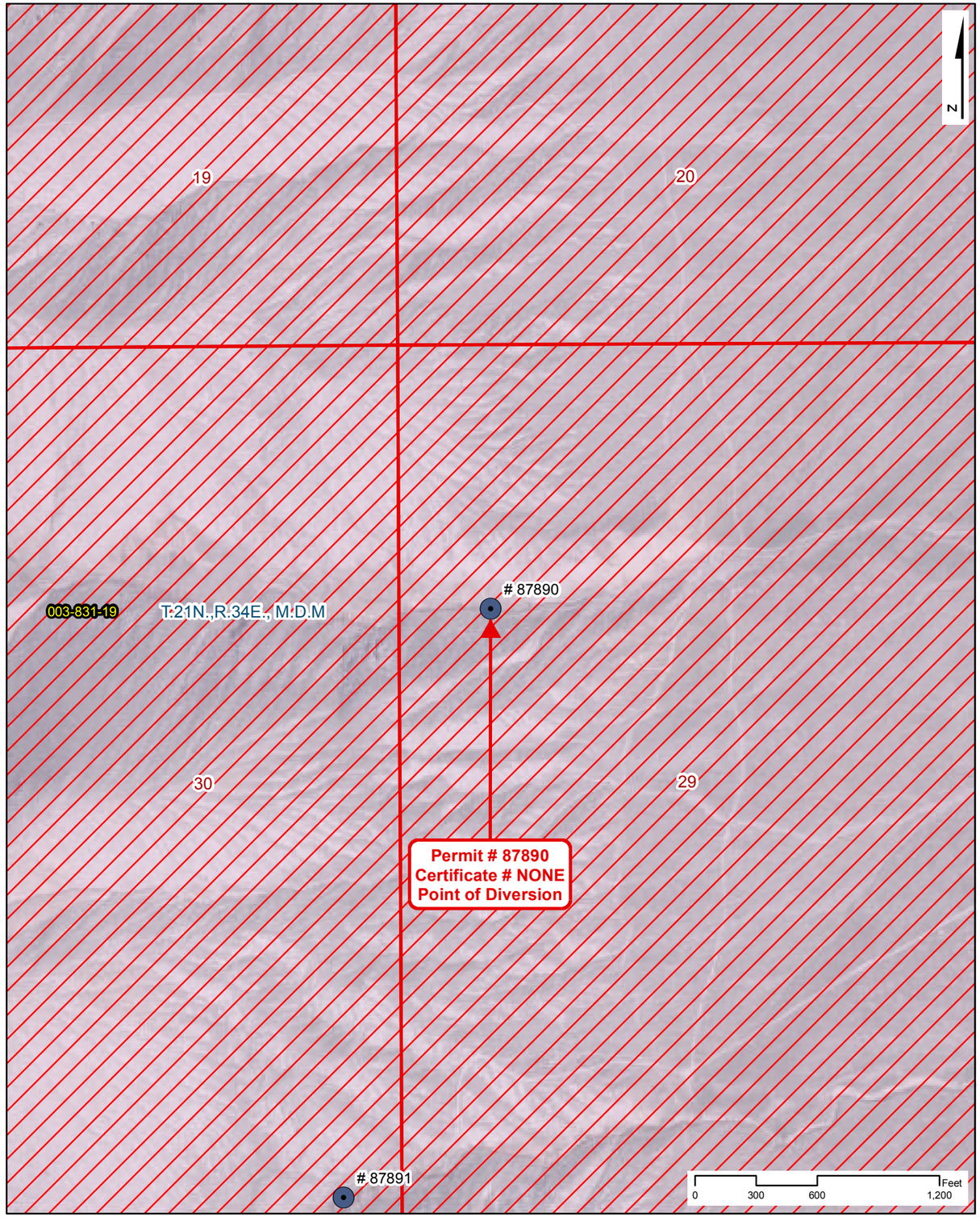
The Proof of Completion for Permit 87890 has a due date of January 29, 2020, and the Proof Beneficial Use has a due date of January 29, 2021.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87890 — **CERTIFICATE: NONE**

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.661614 — **LONGITUDE: -118.188942**
POINT OF DIVERSION: NW1/4,NW1/4, Section 29, T.21N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Bench Creek Ranch Co., LLC

PRIORITY DATE: 4/24/2018
PERMIT DATE: 1/29/2019
CERTIFICATE DATE:
DUE DATE: POC - 1/29/20; PBU - 1/29/21

USE UNITS

533 Cattle

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.0166 CFS
ALLOWED DUTY: 11.940 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-831-19, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87890
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:48:58 AM

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**SPRING (IXL CANYON SPRINGS)**
Basin:	**DIXIE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**04/24/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Claims of Vested Right V11305, V11306 and V11307; Permits 87763 through 87769 inclusive; Permits 87877 through 87879 inclusive and Permits 87881 through 87897 inclusive shall not exceed 11.94 acre-feet annually.

This permit is subject to the condition that the permittee must ensure that wildlife which have customarily used such water will have access thereto, NRS 533.367.

It is understood that the amount of water wherein granted is limited to the amount of water actually produced by the spring, and no rights in excess of that amount are implied or inferred.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.01666 cubic feet per second and 11.94 acre-feet annually, or sufficient to water 533 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **January** 29 **2020**

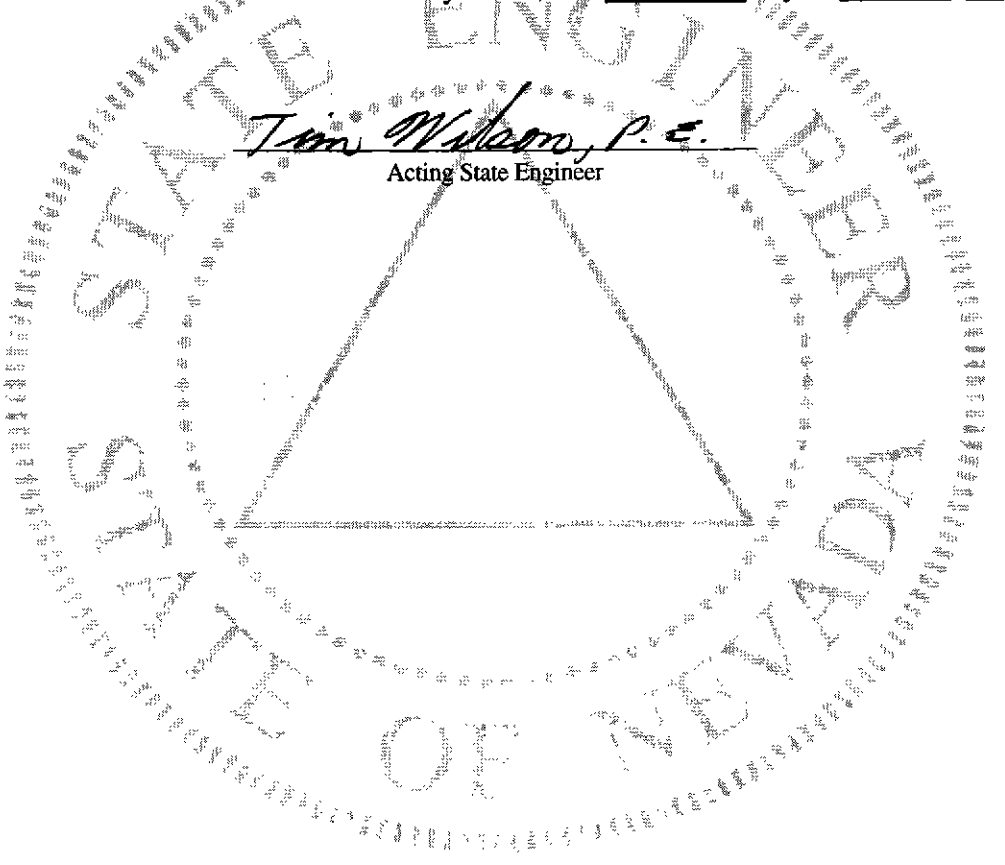
Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **January** 29 **2021**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **January, 2019**

Tim Wilson, P.E.
Acting State Engineer



Application No. 87890

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office APR 24 2018

Returned to applicant for correction

Corrected Application filed Map filed APR 24 2018

RECEIVED
2018 APR 24 PM 3:18
STATE ENGINEERS OFFICE

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code)

(E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

---

1. The source of water is IXL Canyon Springs
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12)
   (d) Power:
      (1) Horsepower developed
      (2) Point of return of water to stream

Revised 06/17

10-128

87890

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the NW¼ NW¼ of Section 29, T.21N., R.34E., M.D.B.&M., or at a point from which the SE corner of Section 36, T.21N., R.34E., M.D.B.&M. bears S. 70° 18' 2.88" E., a distance of 27,556.8 feet. (Please see map accompanying this application).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

within the NW¼ NW¼ of Section 29, T. 21 N., R.34E., M.D.B.&M. (Please see map accompanying this application)

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2018 APR 24 PM 3:08
STATE ENGINEER'S OFFICE

7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

No proposed works. Cattle currently have access to naturally flowing springs.

9. Estimated cost of works: $0.00

10. Estimated time required to construct works: N/A - Works complete
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 1 Year

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Stock have historically and currently use water from these naturally flowing springs. No proposed works at this time.

13. Miscellaneous remarks:

Please See "Attachment A"

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3108 Silver Sage Dr., STE 102
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

Revised 06/17 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

87890

Attachment A

13. Miscellaneous remarks:

IXL Canyon Springs is located within the Dixie Valley Grazing Allotment (owned by the Applicant), and stock have historically used these springs as a water source. Stock are currently able to access the springs, which are naturally flowing.

Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st, through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA

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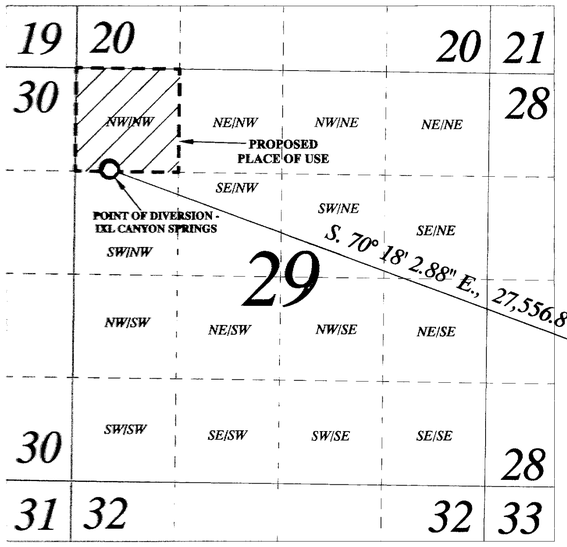
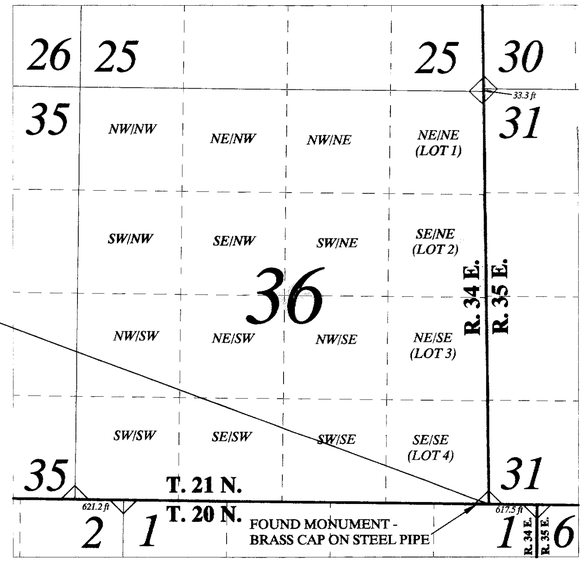
2018 APR 24 PM 1:18
STATE ENGINEER'S OFFICE



PORTIONS OF TOWNSHIP 21 NORTH,
RANGE 34 EAST, M.D.B.&M.



PORTIONS OF TOWNSHIP 21 NORTH,
RANGE 34 EAST, M.D.B.&M.

LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- PROPOSED PLACE OF USE

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

1 inch = 1,000 feet

STATE OF NEVADA
COUNTY OF CARSON CITY } SS

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF IXL CANYON SPRINGS, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER - STATE OF NEVADA
CHRISTOPHER G. MOLTZ
Exp. 12/31/19
CIVIL
No. 023193

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 18 DAY OF April, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

IXL CANYON SPRINGS

PROPOSED POINT OF DIVERSION

WITHIN THE NW¼ NW¼ OF SECTION 29, T.21N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SECTION 36, T.21N., R.34E., M.D.B.&M. BEARS S. 70° 18' 2.88" E., A DISTANCE OF 27,556.8 FEET.

PROPOSED PLACE OF USE

WITHIN THE NW¼ NW¼ OF SECTION 29, T.21N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. GENERAL LAND OFFICE SURVEY DATED OCTOBER 3, 1930 FOR T. 21 N., R. 34 E., M.D.B. & M.

N

GPS COORDINATES [NAD 83]

SE CORNER OF SECTION 36, T. 21 N., R. 34 E., M.D.B.&M.	*N 39° 38' 10.14" W 118° 5' 48.45"*
PROPOSED POD - IXL CANYON SPRINGS	*N 39° 39' 41.81" W 118° 11' 20.19"*

APRIL 18, 2018 *Sheet 1 of 1*

STATE ENGINEER'S USE 87890

FILED
APR 24 2018
STATE ENGINEER'S OFFICE

RECEIVED
2018 APR 24 PM 3:29
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
IXL CANYON SPRINGS
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z|7.91 BENCH CREEK RANCH|03 CHRIS

87890



Site Search

Permit Information

New Search

App/Permit: 87890
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 87891

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.653689 **LONGITUDE:** -118.191555

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	4/24/2018
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	SE¼SE¼ Section 30, T.21N., R.34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	533 cattle
PLACE OF USE:	SE¼SE¼ Section 30, T.21N., R.34E., M.D.M.
DIVERSION RATE:	0.0166 cfs
ALLOWED DUTY:	11.94 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Per
DUE DATES:	POC 1/29/20; PBU 1/29/21
REMARKS:	Job's Canyon Springs Dixie Valley Allotment

POD PARCEL:	Churchill County APN 003-831-19
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-831-19
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

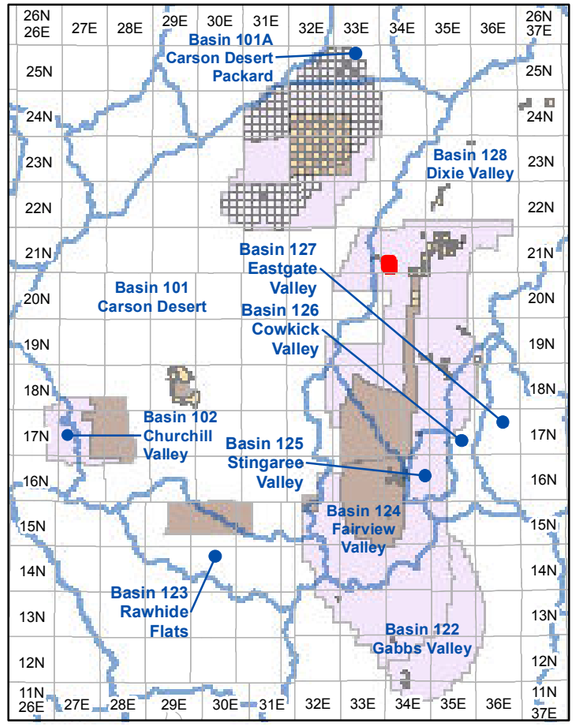
Permit 87891

The current owner of Permit 87891 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on January 29, 2019. It has a priority date of April 24, 2018 and an allowed diversion rate of 0.0166 CFS. The permitted manner of use is for stock-watering purposes. The total combined duty of water under Claims of Vested Right V11305, V11306, and V11307; and Permit 87763, 87764, 87765, 87766, 87769, 87877, 87878, 87879, 87881, 87882, 87883, 87884, 87885, 87886, 87887, 87888, 87889, 87888, 87889, 87890, 87891, 87892, 87893, 87894, 87895, 87896, and 87897 shall not exceed 11.94 acre-feet annually. The allowed period of use is from January 1 through December 31.

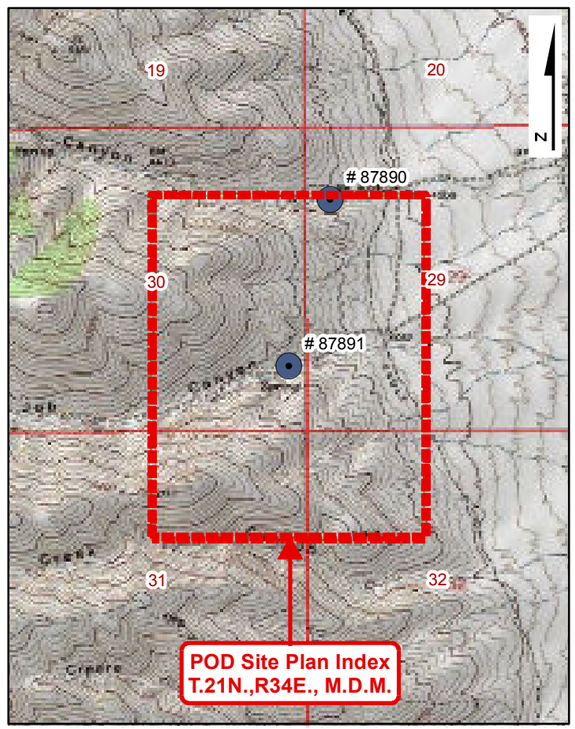
The point of diversion is located within the SE¼SE¼ Section 30, Township 21N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-831-19 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
SE	SE	30	21N	34E	533 cattle

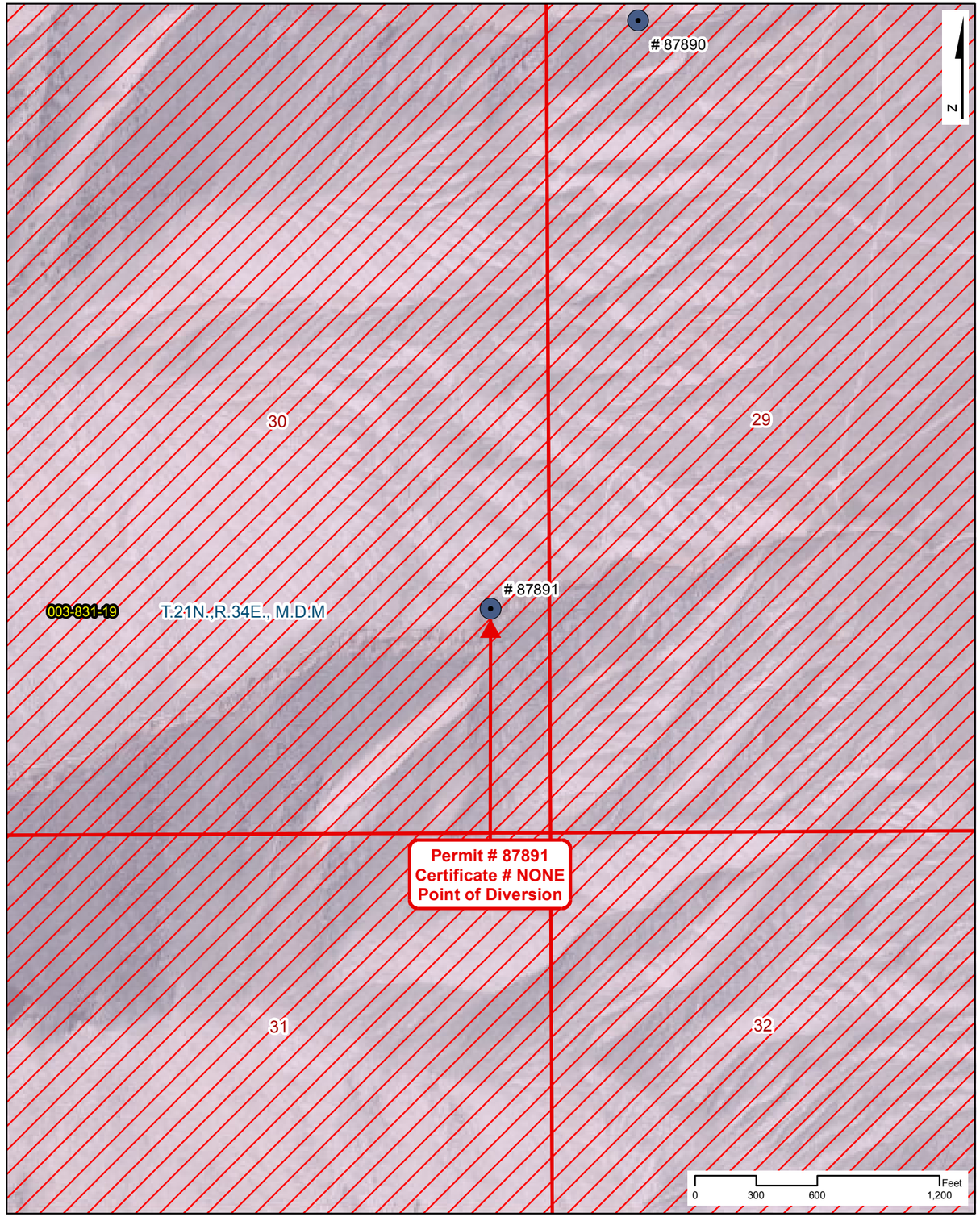
The Proof of Completion for Permit 87891 has a due date of January 29, 2020. The Proof Beneficial Use has a due date of January 29, 2021.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87891 — **CERTIFICATE: NONE**

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.653689 — **LONGITUDE: -118.191555**
POINT OF DIVERSION: SE1/4,SE1/4, Section 30, T.21N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Bench Creek Ranch Co., LLC

PRIORITY DATE: 4/24/2018
PERMIT DATE: 1/29/2019
CERTIFICATE DATE:
DUE DATE: POC - 1/29/20; PBU - 1/29/21

USE UNITS

533 Cattle

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.0166 CFS
ALLOWED DUTY: 11.940 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-831-19, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87891
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:49:01 AM

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**SPRING (JOB'S CANYON SPRINGS)**
Basin:	**DIXIE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**04/24/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Claims of Vested Right V11305, V11306 and V11307; Permits 87763 through 87769 inclusive; Permits 87877 through 87879 inclusive and Permits 87881 through 87897 inclusive shall not exceed 11.94 acre-feet annually.

This permit is subject to the condition that the permittee must ensure that wildlife which have customarily used such water will have access thereto, NRS 533.367.

It is understood that the amount of water wherein granted is limited to the amount of water actually produced by the spring, and no rights in excess of that amount are implied or inferred.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.01666 cubic feet per second and 11.94 acre-feet annually, or sufficient to water 533 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **January 29 2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **January 29 2021**

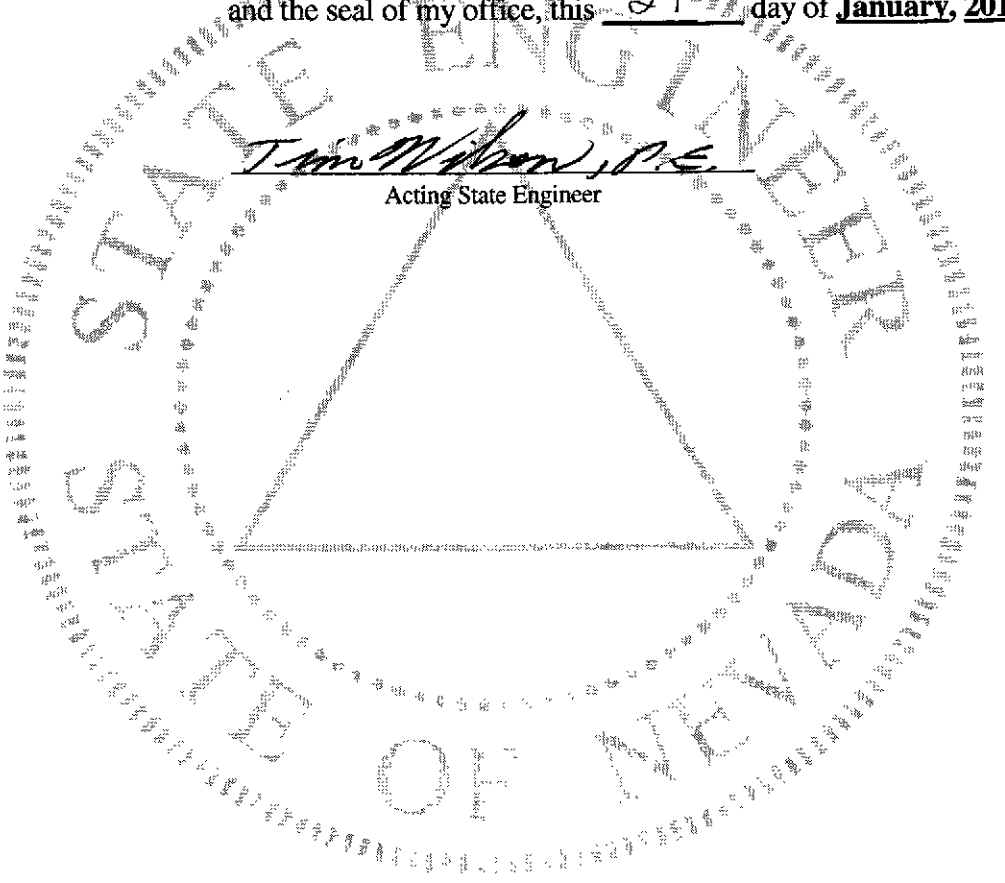
Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **January, 2019**

Tim Wilson, P.E.

Acting State Engineer



Application No. 87891

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office APR 24 2018

Returned to applicant for correction

Corrected Application filed Map filed APR 24 2018

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STATE ENGINEER'S OFFICE

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive of Reno
Street Address or P.O. Box City or Town

NV 89523
State and ZIP Code E-mail Address

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

---

1. The source of water is Job's Canyon Springs
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12)
   (d) Power:
      (1) Horsepower developed
      (2) Point of return of water to stream

87891

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the SE¼ SE¼ of Section 30, T.21N., R.34E., M.D.B.&M., or at a point from which the SE corner of Section 36, T.21N., R.34E., M.D.B.&M. bears S. 76° 30' 23.05" E., a distance of 27,440.5 feet. (Please see map accompanying this application).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

within the SE¼ SE¼ of Section 30, T. 21 N., R.34E., M.D.B.&M. (Please see map accompanying this application)

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2018 APR 24 PM 3:19
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7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

No proposed works. Cattle currently have access to naturally flowing springs.

9. Estimated cost of works: $0.00

10. Estimated time required to construct works: N/A - Works complete
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 1 Year

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Stock have historically and currently use water from these naturally flowing springs. No proposed works at this time.

13. Miscellaneous remarks:

Please See "Attachment A"

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3108 Silver Sage Dr., STE 102
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

87891

Attachment A

13. Miscellaneous remarks:

Job's Canyon Springs is located within the Dixie Valley Grazing Allotment (owned by the Applicant), and stock have historically used these springs as a water source. Stock are currently able to access the springs, which are naturally flowing.

RECEIVED
2018 APR 25 PM 3:19
STATE ENGINEER'S OFFICE

Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st, through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

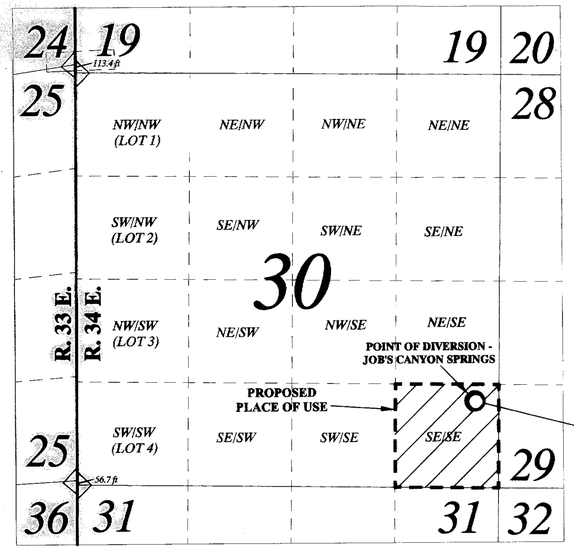
Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

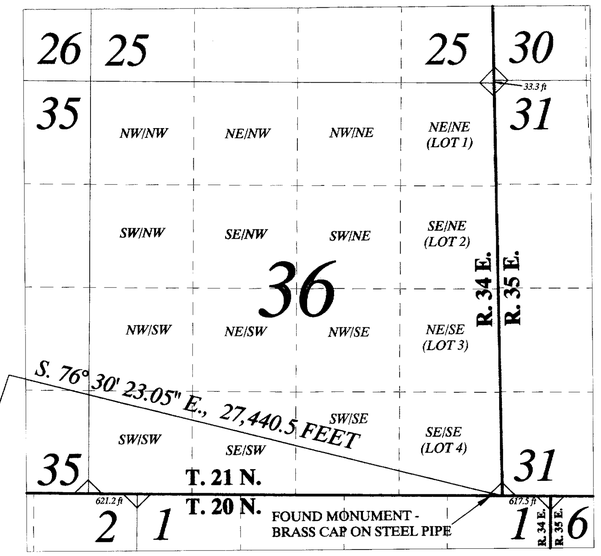
Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA



PORTIONS OF TOWNSHIP 21 NORTH, RANGE 34 EAST, M.D.B.&M.



PORTIONS OF TOWNSHIP 21 NORTH, RANGE 34 EAST, M.D.B.&M.

LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- PROPOSED PLACE OF USE

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

1 inch = 1,000 feet

STATE OF NEVADA }SS
COUNTY OF CARSON CITY

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF JOB'S CANYON SPRINGS, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER - STATE OF NEVADA
CHRISTOPHER G. MOLTZ
Exp. 12/31/19
CIVIL
No. 023133
April 18, 2018

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 18 DAY OF April, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON
NOTARY PUBLIC
STATE OF NEVADA
My Appt. Exp. Sept. 4, 2019

JOB'S CANYON SPRINGS

PROPOSED POINT OF DIVERSION

WITHIN THE SE¼ SE¼ OF SECTION 30, T.21N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SECTION 36, T.21N., R.34E., M.D.B.&M. BEARS S. 76° 30' 23.05" E., A DISTANCE OF 27,440.5 FEET.

PROPOSED PLACE OF USE

WITHIN THE SE¼ SE¼ OF SECTION 30, T.21N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

N

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. GENERAL LAND OFFICE SURVEY DATED OCTOBER 3, 1930 FOR T. 21 N., R. 34 E., M.D.B. & M.

GPS COORDINATES [NAD 83]

SE CORNER OF SECTION 36, T. 21 N., R. 34 E., M.D.B.&M.	*N 39° 38' 10.14" W 118° 5' 48.45"*
PROPOSED POD - JOB'S CANYON SPRINGS	*N 39° 39' 13.28" W 118° 11' 29.60"*

APRIL 18, 2018 *Sheet 1 of 1*

STATE ENGINEER'S USE

87891

FILED
APR 24 2018
STATE ENGINEER'S OFFICE

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STATE ENGINEER'S

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
JOB'S CANYON SPRINGS
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87891



Site Search

Permit Information

New Search

App/Permit: 87891
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 87892

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.631486 **LONGITUDE:** -118.177831

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	4/24/2018
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	SW¼NE¼ Section 5, T.20N., R.34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	533 cattle
PLACE OF USE:	SW¼NE¼ Section 5, T.20N., R.34E., M.D.M.
DIVERSION RATE:	0.0166 cfs
ALLOWED DUTY:	11.94 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Per
DUE DATES:	POC 1/29/20; PBU 1/29/21
REMARKS:	Mud Springs
	Dixie Valley Allotment

POD PARCEL:	Churchill County APN 003-471-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-471-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
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The point of diversion is located within the SW¼NE¼ Section 5, Township 20N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-471-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
SW	NE	5	20N	34E	533 cattle

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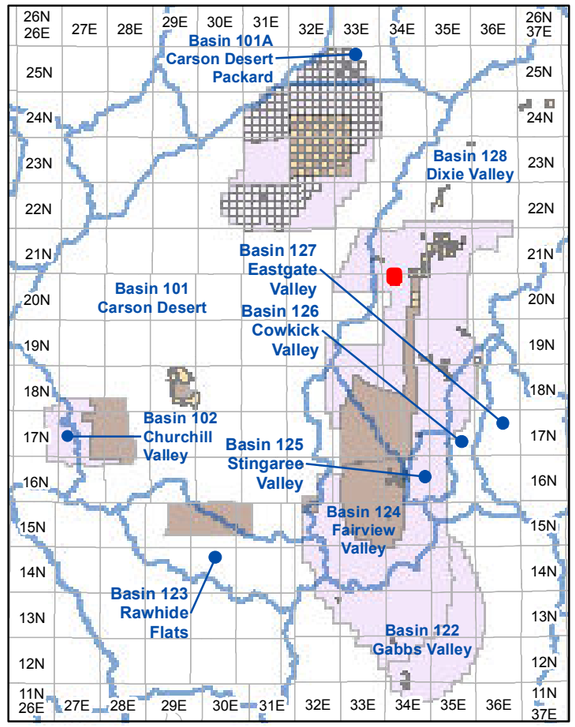

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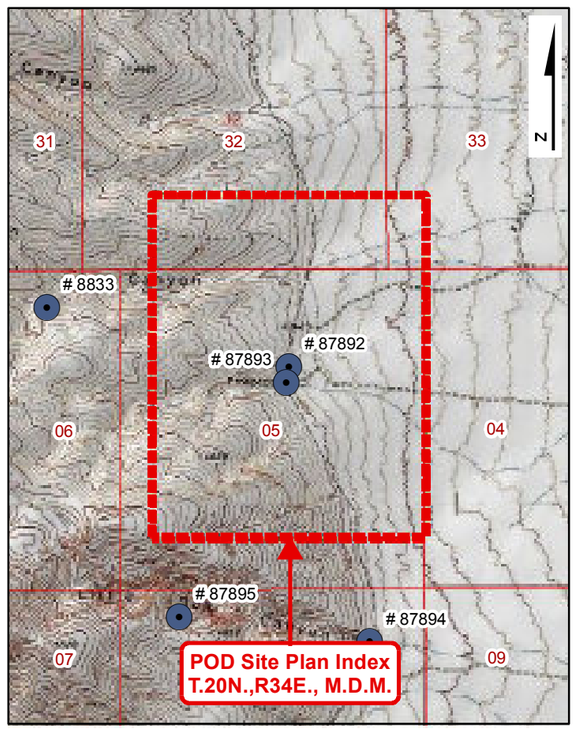

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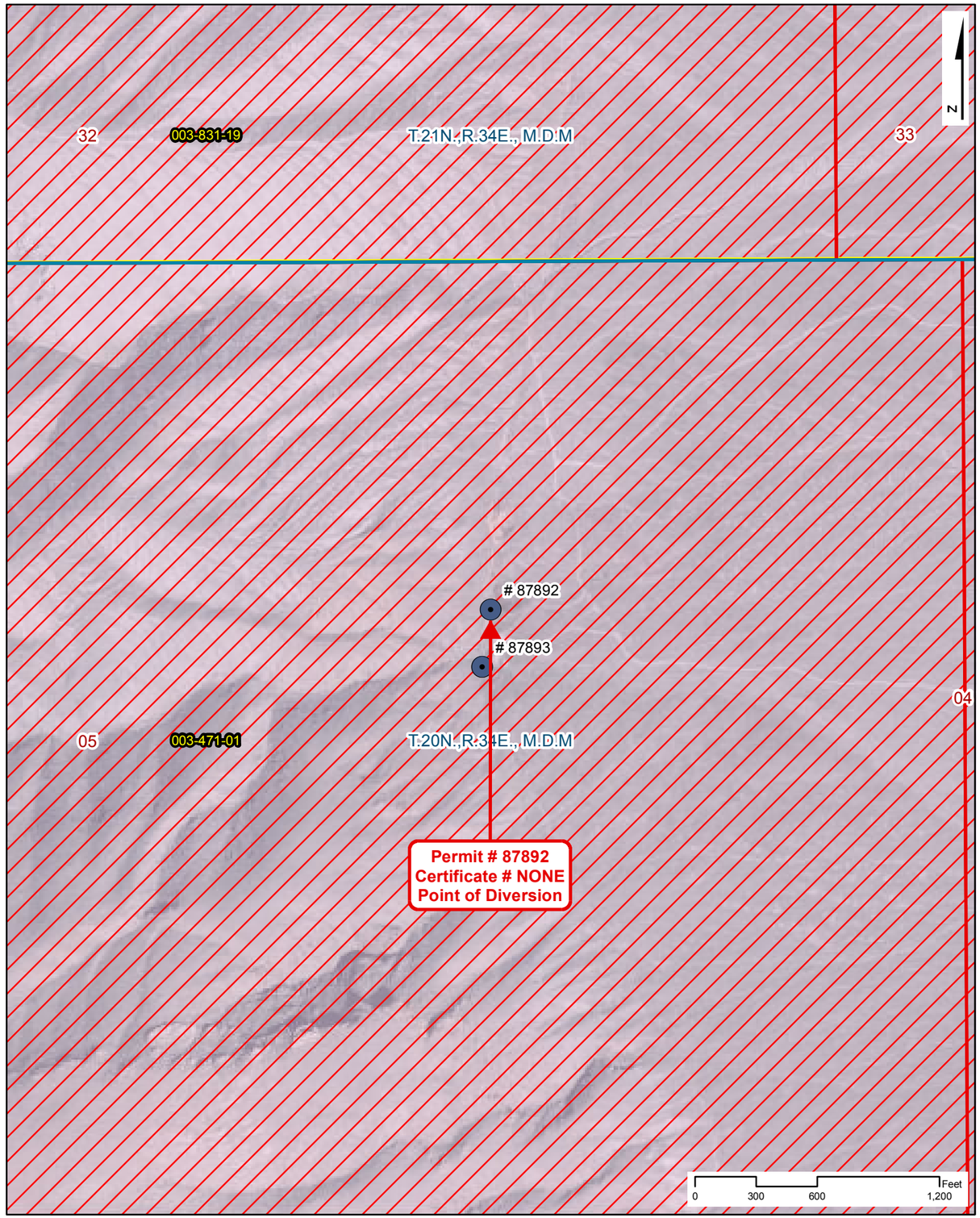

Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

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PERMIT: 87892 **CERTIFICATE: NONE**

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- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87892
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:49:03 AM

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**SPRING (MUD SPRINGS)**
Basin:	**DIXIE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**04/24/2018**

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(Continued on Page 2)

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Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **January 29 2021**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **January, 2019**

Tim Wilson, P.E.

Acting State Engineer

STATE ENGINEER SEAL STATE OF NEVADA

Application No. 87892

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

RECEIVED
2018 APR 24 PM 3:21
STATE ENGINEER'S OFFICE

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office APR 24 2018

Returned to applicant for correction _____

Corrected Application filed _____ Map filed APR 24 2018

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code) _____ (E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

(If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

---

1. The source of water is Mud Springs
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet _____
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated _____
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12) _____
   (d) Power:
      (1) Horsepower developed _____
      (2) Point of return of water to stream _____

Revised 06/17

10-128 CN

87892

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the SW¼ NE¼ of Section 5, T.20N., R.34E., M.D.B.&M., or at a point from which the SE corner of Section 36, T.21N., R.34E., M.D.B.&M. bears N. 85° 46' 4.06" E., a distance of 22,881.1 feet. (Please see map accompanying this application).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

within the SW¼ NE¼ of Section 5, T. 20 N., R.34E., M.D.B.&M. (Please see map accompanying this application)

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7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches, and flumes, drilled well with a pump and motor, etc.)

Spring box, pipeline, and trough system is already in place. No additional works are proposed at this time.

9. Estimated cost of works: $0.00

10. Estimated time required to construct works: N/A - Works complete
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 1 Year

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Stock have historically and currently use water from these naturally flowing springs. Spring box, pipeline, and trough system is already in place. No additional works are proposed at this time.

13. Miscellaneous remarks:

Please See "Attachment A"

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3108 Silver Sage Dr., STE 102
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

Revised 06/17 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

Attachment A

13. Miscellaneous remarks:

Mud Springs is located within the Dixie Valley Grazing Allotment (owned by the Applicant), and stock have historically used these springs as a water source. Stock are currently able to access the springs via existing spring box, pipeline, and trough system. No additional works are proposed at this time.

Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st, through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

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2024 APR 24 PM 3:21
STATE ENGINEERS OFFICE

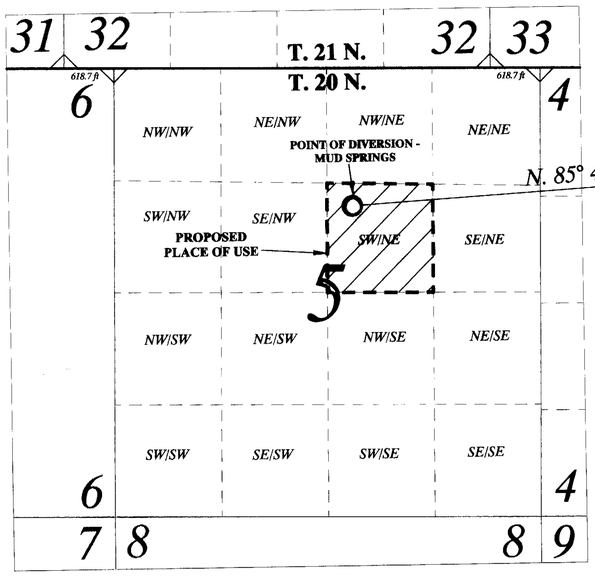
Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

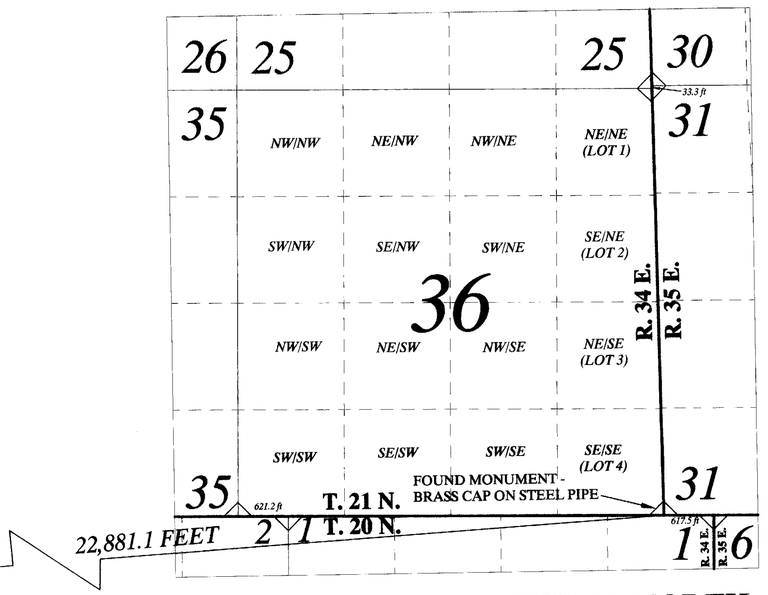
Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA



PORTIONS OF TOWNSHIP 20 NORTH,
RANGE 34 EAST, M.D.B.&M.



PORTIONS OF TOWNSHIP 21 NORTH,
RANGE 34 EAST, M.D.B.&M.

LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- PROPOSED PLACE OF USE

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

1 inch = 1,000 feet

GPS COORDINATES [NAD 83]

SE CORNER OF SECTION 36, T. 21 N., R. 34 E., M.D.B.&M.	*N 39° 38' 10.14" W 118° 5' 48.45"*
PROPOSED POD - MUD SPRINGS	*N 39° 37' 53.35" W 118° 10' 40.10"*

STATE OF NEVADA }
COUNTY OF CARSON CITY } ss

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF MUD SPRINGS, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER - STATE OF NEVADA - CHRISTOPHER G. MOLTZ Exp. 12/31/19 CIVIL No. 023135

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 18 DAY OF April, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON NOTARY PUBLIC STATE OF NEVADA No. 15-3882-3 My Appt. Exp. Sept. 4, 2019

MUD SPRINGS

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ NE¼ OF SECTION 5, T.20N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SECTION 36, T.21N., R.34E., M.D.B.&M. BEARS N. 85º 46' 4.06" E., A DISTANCE OF 22,881.1 FEET.

PROPOSED PLACE OF USE

WITHIN THE SW¼ NE¼ OF SECTION 5, T.20N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. GENERAL LAND OFFICE SURVEY DATED OCTOBER 3, 1930 FOR T. 21 N., R. 34 E., M.D.B. & M. AND FROM BOTH A BUREAU OF LAND MANAGEMENT PROTRACTION PLAT DATED MARCH 23, 1962 AND FROM A BUREAU OF LAND MANAGEMENT SURVEY PLAT DATED SEPTEMBER 26, 1966 FOR T. 20 N., R.34E., M.D.B.&M.

NOTE: SECTION LINES ARE ONLY SURVEYED FOR SELECT SECTIONS OF T. 20 N., R. 34 E., M.D.B. & M. APPROXIMATE QUARTER-QUARTER LINES DERIVED FROM EQUAL SUBDIVISION OF SURVEYED SECTIONS.

APRIL 18, 2018 *Sheet 1 of 1*

STATE ENGINEER'S USE

87892

FILED
APR 24 2018
STATE ENGINEER'S OFFICE

STATE ENGINEERS OFFICE
2018 APR 26 PM 3:29
RECEIVED

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
MUD SPRINGS
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87892



Site Search

Permit Information

New Search

App/Permit: 87892
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 87893

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.630717 **LONGITUDE:** -118.177986

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	4/24/2018
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	SW¼NE¼ Section 5, T.20N., R.34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	533 cattle
PLACE OF USE:	SW¼NE¼ Section 5, T.20N., R.34E., M.D.M.
DIVERSION RATE:	0.0166 cfs
ALLOWED DUTY:	11.94 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATES:	POC 1/29/20; PBU 1/29/21
REMARKS:	Willow Springs
	Dixie Valley Allotment

POD PARCEL:	Churchill County APN 003-471-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-471-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

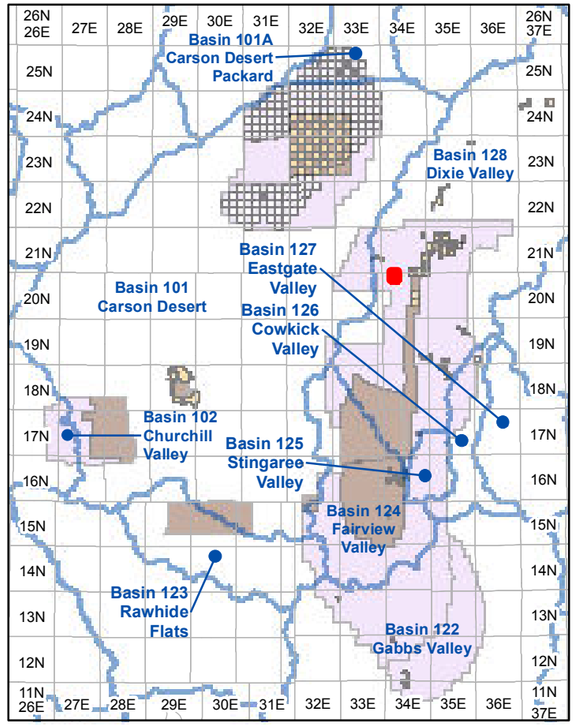
Permit 87893

The current owner of Permit 87893 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on January 29, 2019. It has a priority date of April 24, 2018 and an allowed diversion rate of 0.0166 CFS. The permitted manner of use is for stock-watering purposes. The total combined duty of water under Claims of Vested Right V11305, V11306, and V11307; and Permit 87763, 87764, 87765, 87766, 87769, 87877, 87878, 87879, 87881, 87882, 87883, 87884, 87885, 87886, 87887, 87888, 87889, 87888, 87889, 87890, 87891, 87892, 87893, 87894, 87895, 87896, and 87897 shall not exceed 11.94 acre-feet annually. The allowed period of use is from January 1 through December 31.

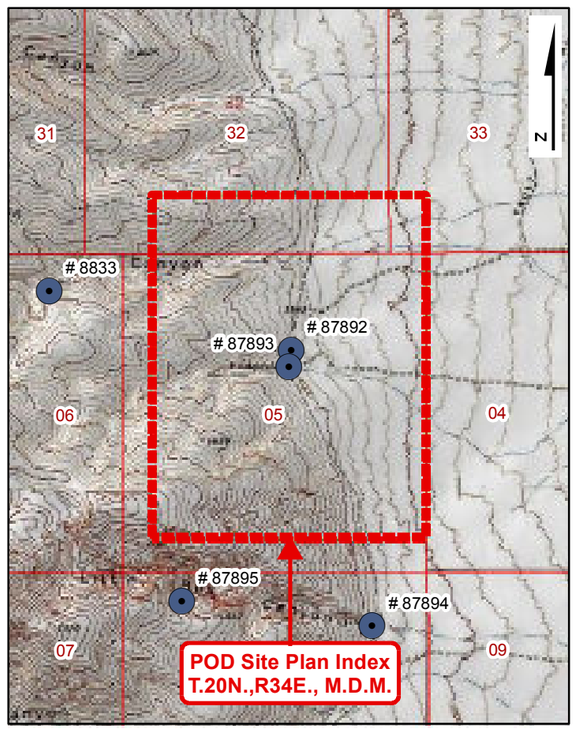
The point of diversion is located within the SW¼NE¼ Section 5, Township 20N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-471-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
SW	NE	5	20N	34E	533 cattle

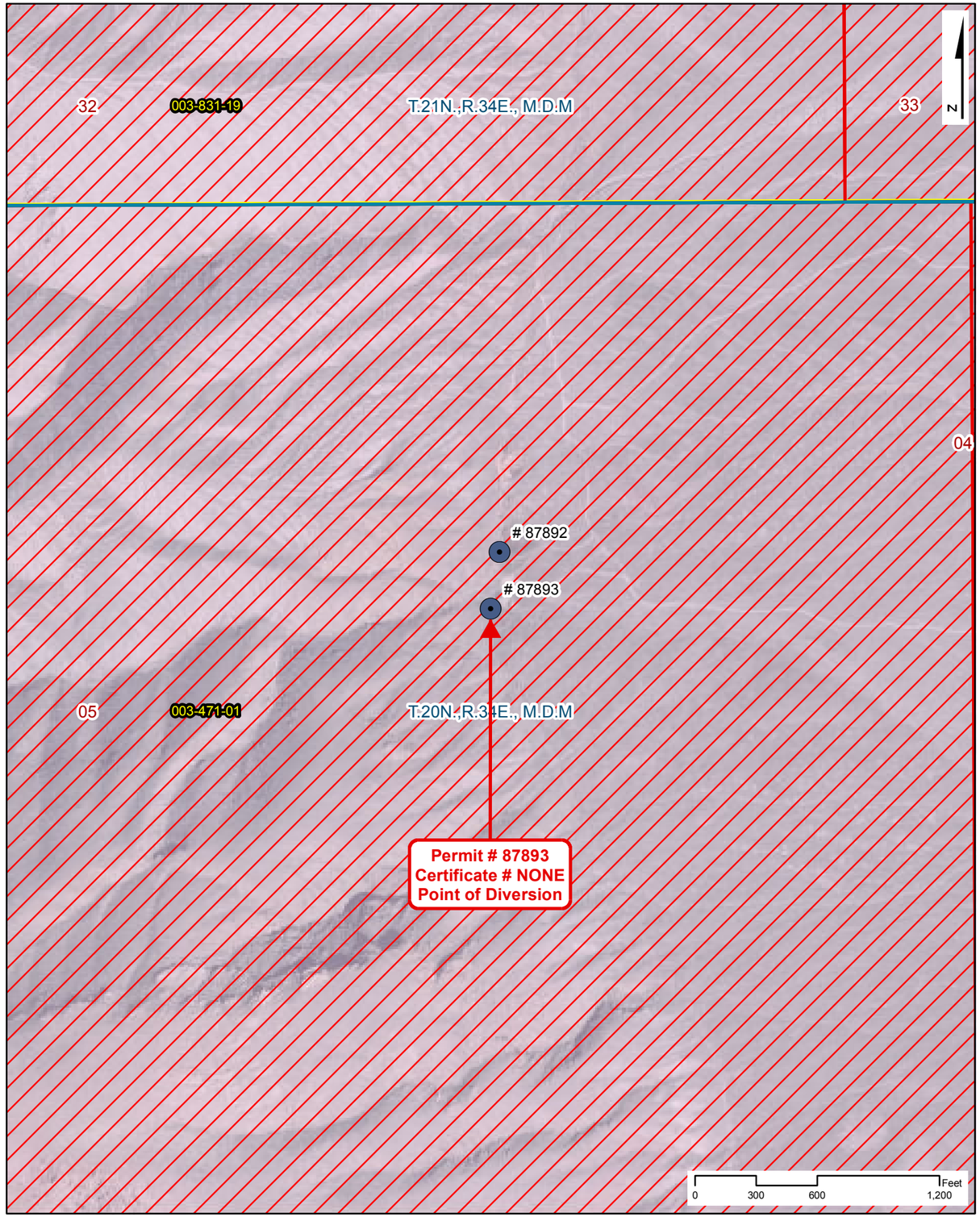
The Proof of Completion for Permit 87893 has a due date of January 29, 2020. The Proof Beneficial Use has a due date of January 29, 2021.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87893 **CERTIFICATE: NONE**

BASIN: Dixie Valley (128) **COUNTY: Churchill**
LATITUDE: 39.630717 **LONGITUDE: -118.177986**
POINT OF DIVERSION: SW1/4,NE1/4, Section 5, T.20N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Bench Creek Ranch Co., LLC

PRIORITY DATE: 4/24/2018
PERMIT DATE: 1/29/2019
CERTIFICATE DATE:
DUE DATE: POC - 1/29/20; PBU - 1/29/21

USE UNITS

533 Cattle

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.0166 CFS
ALLOWED DUTY: 11.940 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-471-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87893
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:49:05 AM

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**SPRING (WILLOW SPRINGS)**
Basin:	**DIXIE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**04/24/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Claims of Vested Right V11305, V11306 and V11307; Permits 87763 through 87769 inclusive; Permits 87877 through 87879 inclusive and Permits 87881 through 87897 inclusive shall not exceed 11.94 acre-feet annually.

This permit is subject to the condition that the permittee must ensure that wildlife which have customarily used such water will have access thereto, NRS 533.367.

It is understood that the amount of water wherein granted is limited to the amount of water actually produced by the spring, and no rights in excess of that amount are implied or inferred.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.01666 cubic feet per second and 11.94 acre-feet annually, or sufficient to water 533 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **January** 29 **2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **January** 29 **2021**

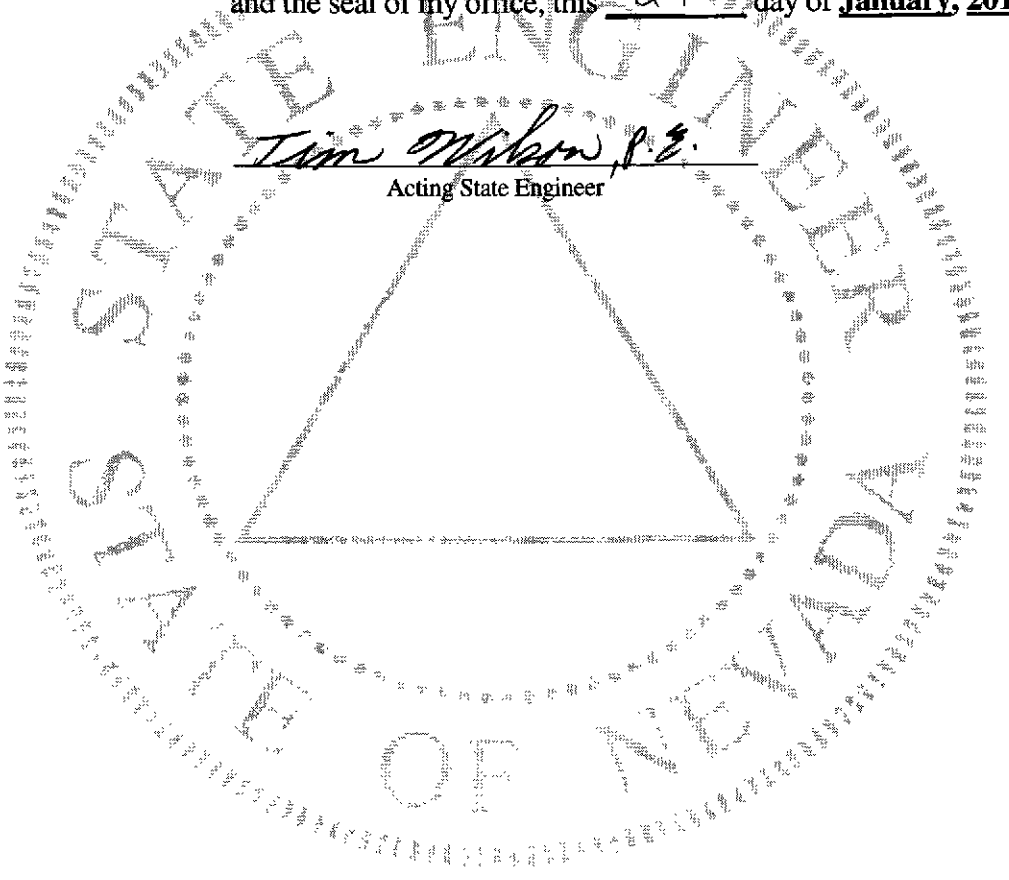
Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **January, 2019**

Tim Wilson, P.E.

Acting State Engineer



87893

Application No. _____

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office APR 24 2018

Returned to applicant for correction _____

Corrected Application filed _____ Map filed APR 24 2018

RECEIVED
2018 APR 24 PM 3:22
STATE ENGINEER'S OFFICE

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive of Reno

Street Address or P.O. Box City or Town

NV 89523

State and ZIP Code E-mail Address

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

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2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA

Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).

(a) If stored in a reservoir give the number of acre-feet _____

3. The water is to be used for Stockwatering

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4. If use is for:

(a) Irrigation, state number of acres to be irrigated _____

(b) Stockwater, state number and kind of animals 533 Cattle

(c) Other use (describe fully in No. 12) _____

(d) Power:

(1) Horsepower developed _____

(2) Point of return of water to stream _____

87893

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6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

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Cattle currently have access to naturally flowing springs. No additional works are proposed at this time.

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(If the well is complete, describe works.)

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Please See "Attachment A"

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, ~~applicant or agent~~

Stanka Consulting, LTD
Company Name

3108 Silver Sage Dr., STE 102
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

87893

Attachment A

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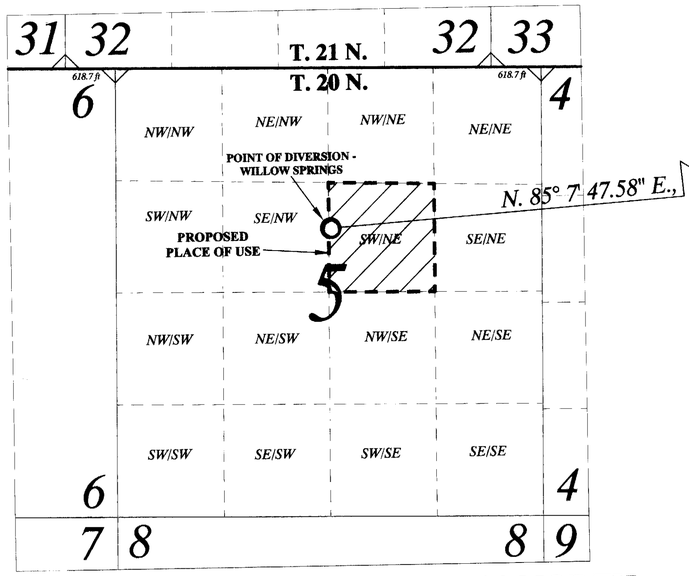
Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA

RECEIVED
2010 APR 24 PM 3:22
STATE ENGINEERS OFFICE



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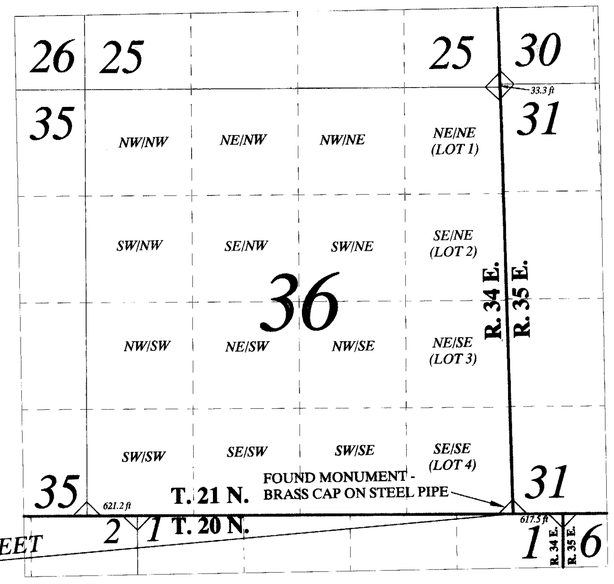
N. 85° 7' 47.58" E.,
23,188.2 FEET



PORTIONS OF TOWNSHIP 21 NORTH,
RANGE 34 EAST, M.D.B.&M.

LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- PROPOSED PLACE OF USE

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

1 inch = 1,000 feet

STATE OF NEVADA }
COUNTY OF CARSON CITY } SS

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF WILLOW SPRINGS, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER STATE OF NEVADA CHRISTOPHER G. MOLTZ Exp. 12/31/19 No. 022125

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 18 DAY OF April, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON NOTARY PUBLIC STATE OF NEVADA Appt. Exp. Sept. 4, 2019 No. 15-3725-3

WILLOW SPRINGS

PROPOSED POINT OF DIVERSION

WITHIN THE SW¼ NE¼ OF SECTION 5, T.20N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SECTION 36, T.21N., R.34E., M.D.B.&M. BEARS N. 85º 7' 47.58" E., A DISTANCE OF 23,188.2 FEET.

PROPOSED PLACE OF USE

WITHIN THE SW¼ NE¼ OF SECTION 5, T.20N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. GENERAL LAND OFFICE SURVEY DATED OCTOBER 3, 1930 FOR T. 21 N., R. 34 E., M.D.B. & M. AND FROM BOTH A BUREAU OF LAND MANAGEMENT PROTRACTION PLAT DATED MARCH 23, 1962 AND FROM A BUREAU OF LAND MANAGEMENT SURVEY PLAT DATED SEPTEMBER 26, 1966 FOR T. 20 N., R.34E., M.D.B.&M.

NOTE: SECTION LINES ARE ONLY SURVEYED FOR SELECT SECTIONS OF T. 20 N., R. 34 E., M.D.B. & M. APPROXIMATE QUARTER-QUARTER LINES DERIVED FROM EQUAL SUBDIVISION OF SURVEYED SECTIONS.

N

GPS COORDINATES [NAD 83]

SE CORNER OF SECTION 36, T. 21 N., R. 34 E., M.D.B.&M.	*N 39° 38' 10.14" W 118° 5' 48.45"*
PROPOSED POD - WILLOW SPRINGS	*N 39° 37' 50.58" W 118° 10' 40.75"*

APRIL 18, 2018 *Sheet 1 of 1*

STATE ENGINEER'S USE

87893

FILED
APR 24 2018
STATE ENGINEER'S OFFICE

STATE ENGINEERS OFFICE
2018 APR 26 PM 3:29
RECEIVED

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
WILLOW SPRINGS
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87893

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 87893
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 87894

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.618314 **LONGITUDE:** -118.172905

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	4/24/2018
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NE¼NE¼ Section 8, T.20N., R.34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	533 cattle
PLACE OF USE:	NE¼NE¼ Section 8, T.20N., R.34E., M.D.M.
DIVERSION RATE:	0.0166 cfs
ALLOWED DUTY:	11.94 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATES:	POC 1/29/20; PBU 1/29/21
REMARKS:	Little Box Canyon Spring Dixie Valley Allotment

POD PARCEL:	Churchill County APN 003-471-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-471-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

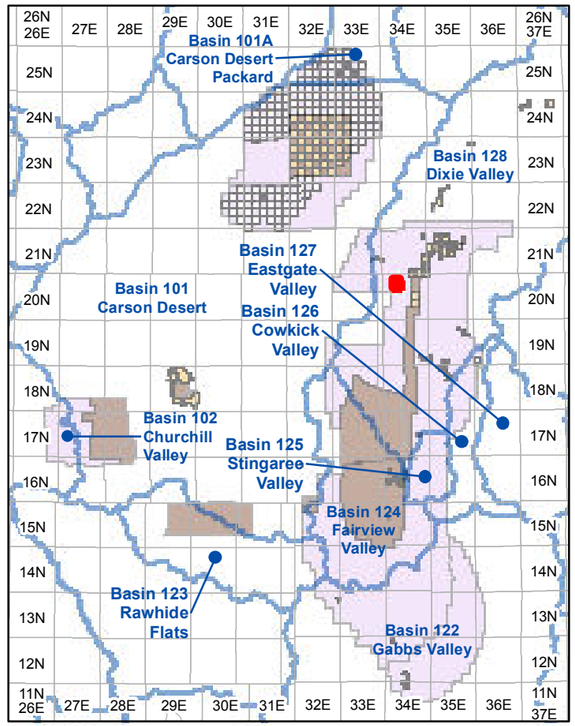
Permit 87894

The current owner of Permit 87894 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on January 29, 2019. It has a priority date of April 24, 2018 and an allowed diversion rate of 0.0166 CFS. The permitted manner of use is for stock-watering purposes. The total combined duty of water under Claims of Vested Right V11305, V11306, and V11307; and Permit 87763, 87764, 87765, 87766, 87769, 87877, 87878, 87879, 87881, 87882, 87883, 87884, 87885, 87886, 87887, 87888, 87889, 87888, 87889, 87890, 87891, 87892, 87893, 87894, 87895, 87896, and 87897 shall not exceed 11.94 acre-feet annually. The allowed period of use is from January 1 through December 31.

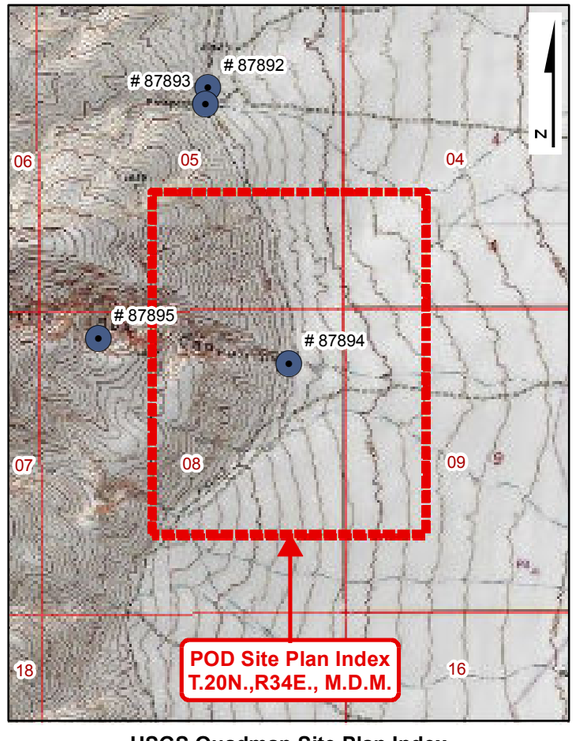
The point of diversion is located within the NE¼NE¼ Section 8, Township 20N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-471-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
NE	NE	8	20N	34E	533 cattle

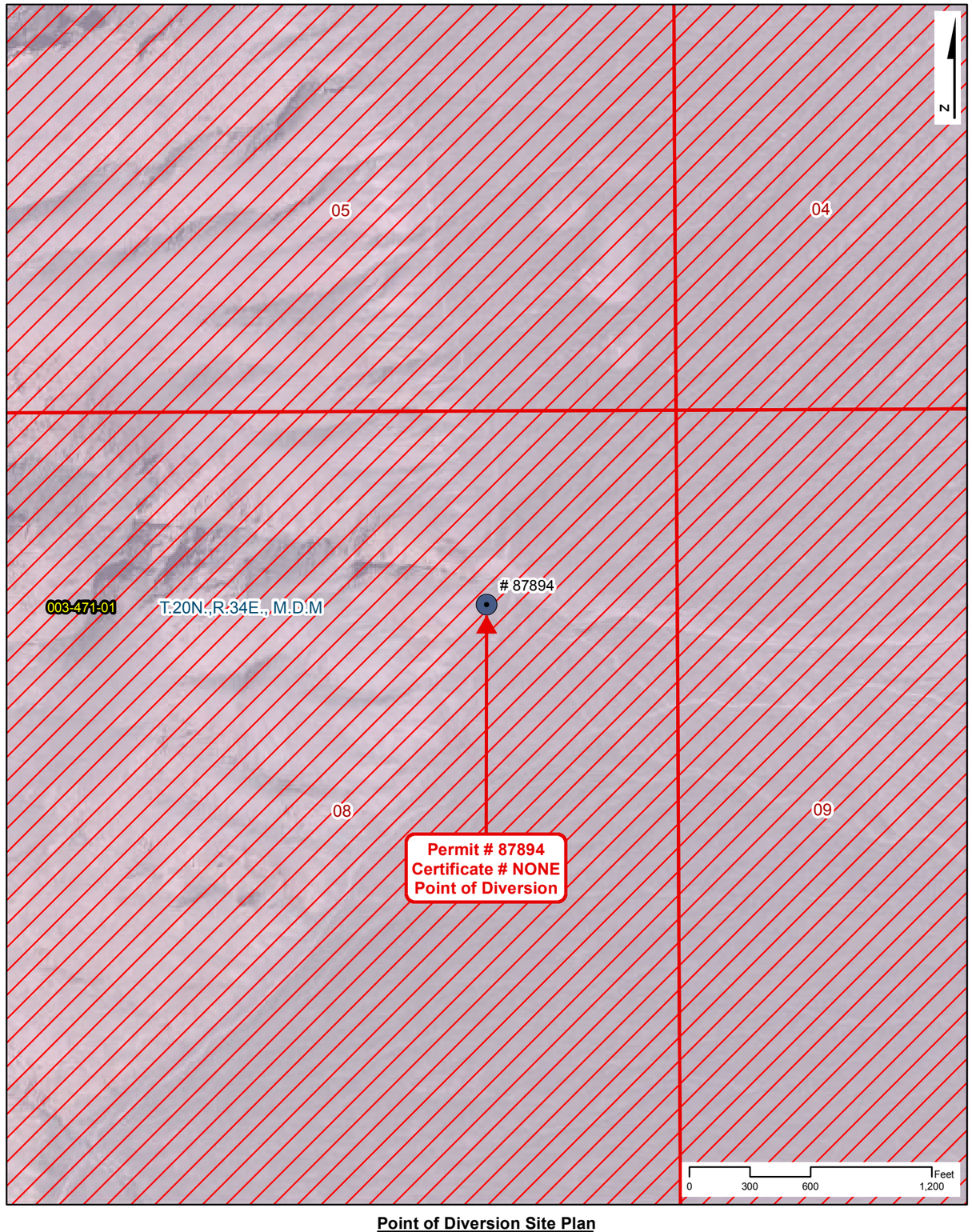
The Proof of Completion for Permit 87894 has a due date of January 29, 2020. The Proof Beneficial Use has a due date of January 29, 2021.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87894 **CERTIFICATE: NONE**

BASIN: Dixie Valley (128) **COUNTY: Churchill**
LATITUDE: 39.618314 **LONGITUDE: -118.172905**
POINT OF DIVERSION: **NE1/4,NE1/4, Section 8, T.20N.,R34E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **N/A**
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP
Bench Creek Ranch Co., LLC

PRIORITY DATE: **4/24/2018**
PERMIT DATE: **1/29/2019**
CERTIFICATE DATE:
DUE DATE: **POC - 1/29/20; PBU - 1/29/21**

USE UNITS
533 Cattle

SOURCE DESCRIPTION: **Spring**
MANNER OF USE: **Stock-Watering**
DIVERSION RATE: **0.0166 CFS**
ALLOWED DUTY: **11.940 AFA**
PERIOD OF USE: **01/01-12/31**

GIS PARCEL DATA
A.P.N. 003-471-01, CHURCHILL COUNTY BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87894
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:49:08 AM

Permit No. 87894

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**SPRING (LITTLE BOX CANYON SPRING)**
Basin:	**DIXIE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**04/24/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Claims of Vested Right V11305, V11306 and V11307; Permits 87763 through 87769 inclusive; Permits 87877 through 87879 inclusive and Permits 87881 through 87897 inclusive shall not exceed 11.94 acre-feet annually.

This permit is subject to the condition that the permittee must ensure that wildlife which have customarily used such water will have access thereto, NRS 533.367.

It is understood that the amount of water wherein granted is limited to the amount of water actually produced by the spring, and no rights in excess of that amount are implied or inferred.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.01666 cubic feet per second and 11.94 acre-feet annually, or sufficient to water 533 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **January 29 2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **January 29 2021**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **January, 2019**

Tim Wilson, P.E.
Acting State Engineer

STATE ENGINEER STATE OF NEVADA

Application No. 87894

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

RECEIVED
2018 APR 24 PM 3:23
STATE ENGINEER'S OFFICE

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office APR 24 2018

Returned to applicant for correction

Corrected Application filed _____ Map filed APR 24 2018

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code)

(E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

---

1. The source of water is Little Box Canyon Spring
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12)
   (d) Power:
      (1) Horsepower developed
      (2) Point of return of water to stream

Revised 06/17

10-128
CG

87894

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the NE¼ NE¼ of Section 8, T.20N., R.34E., M.D.B.&M., or at a point from which the SE corner of Section 36, T.21N., R.34E., M.D.B.&M. bears N. 73° 31' 19.41" E., a distance of 22,413.0 feet. (Please see map accompanying this application).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

within the NE¼ NE¼ of Section 8, T. 20 N., R.34E., M.D.B.&M. (Please see map accompanying this application)

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2018 APR 24 PM 2:23
STATE ENGINEERS OFFICE

7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Cattle currently have access to naturally flowing spring. No additional works are proposed at this time.

9. Estimated cost of works: $0.00

10. Estimated time required to construct works: N/A - Works complete
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 1 Year

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Stock have historically and currently use water from this naturally flowing spring. No additional works are proposed at this time.

13. Miscellaneous remarks:

Please See "Attachment A"

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3108 Silver Sage Dr., STE 102
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

Revised 06/17 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

87894

Attachment A

13. Miscellaneous remarks:

Little Box Canyon Spring is located within the Dixie Valley Grazing Allotment (owned by the Applicant), and stock have historically used this spring as a water source. Stock are currently able to access this naturally flowing spring. No works are proposed at this time.

Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st, through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

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Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

Calculation of 5 Additional Cattle Allowed 31 days of the year:

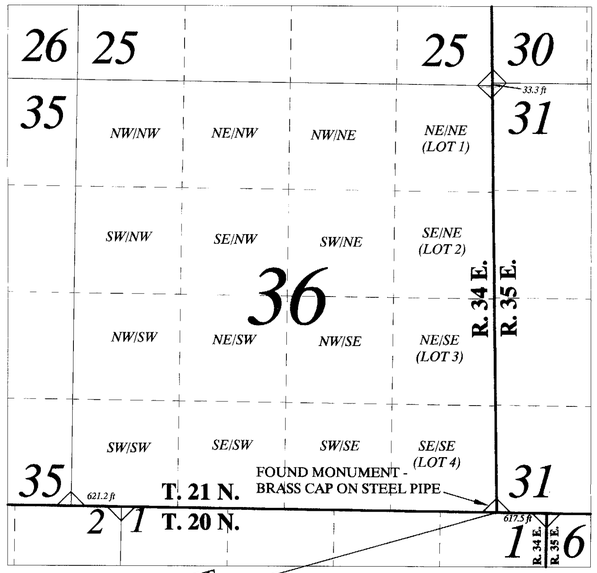
0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA

LEGEND

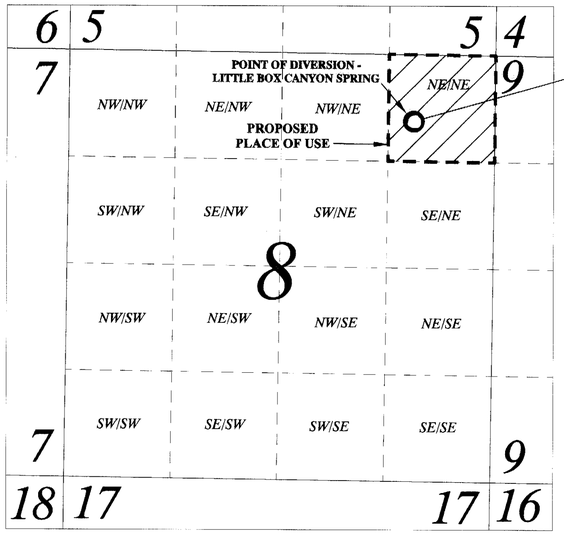
- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- PROPOSED PLACE OF USE

PORTIONS OF TOWNSHIP 21 NORTH, RANGE 34 EAST, M.D.B.&M.



22,413.0 FEET

N. 73° 31' 19.41" E.,



PORTIONS OF TOWNSHIP 20 NORTH, RANGE 34 EAST, M.D.B.&M.

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

1 inch = 1,000 feet

GPS COORDINATES [NAD 83]

SE CORNER OF SECTION 36, T. 21 N., R. 34 E., M.D.B.&M.	*N 39° 38' 10.14" W 118° 5' 48.45"*
PROPOSED POD - LITTLE BOX CANYON SPRING	*N 39° 37' 7.22" W 118° 10' 23.10"*

STATE OF NEVADA }
COUNTY OF CARSON CITY } ss

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF LITTLE BOX CANYON SPRING, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER - STATE OF NEVADA — CHRISTOPHER G. MOLTZ — Exp 12/31/19 — CIVIL — No. 023133 — April 18, 2018

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 18 *DAY OF* April, 2018.

NOTARY PUBLIC IN AND FOR Carson City *COUNTY, NEVADA.*
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON NOTARY PUBLIC STATE OF NEVADA No. 15-3082-3 My Appt. Exp. Sept. 4, 2019

LITTLE BOX CANYON SPRING

PROPOSED POINT OF DIVERSION

WITHIN THE NE¼ NE¼ OF SECTION 8, T.20N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SECTION 36, T.21N., R.34E., M.D.B.&M. BEARS N. 73º 31' 19.41" E., A DISTANCE OF 22,413.0 FEET.

PROPOSED PLACE OF USE

WITHIN THE NE¼ NE¼ OF SECTION 8, T.20N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. GENERAL LAND OFFICE SURVEY DATED OCTOBER 3, 1930 FOR T. 21 N., R. 34 E., M.D.B. & M. AND FROM BOTH A BUREAU OF LAND MANAGEMENT PROTRACTION PLAT DATED MARCH 23, 1962 AND FROM A BUREAU OF LAND MANAGEMENT SURVEY PLAT DATED SEPTEMBER 26, 1966 FOR T. 20 N., R.34E., M.D.B.&M.

NOTE: SECTION LINES ARE ONLY SURVEYED FOR SELECT SECTIONS OF T. 20 N., R. 34 E., M.D.B. & M. APPROXIMATE QUARTER-QUARTER LINES DERIVED FROM EQUAL SUBDIVISION OF SURVEYED SECTIONS.

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APRIL 18, 2018 *Sheet 1 of 1*

STATE ENGINEER'S USE

87894

FILED
APR 24 2018
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STATE ENGINEERS OFFICE

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
LITTLE BOX CANYON SPRING
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87894



Site Search

Permit Information

New Search

App/Permit: 87894
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 87895

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.61955 **LONGITUDE:** -118.18466

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	4/24/2018
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NW¼SW¼ Section 8, T.20N., R.34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	533 cattle
PLACE OF USE:	NW¼SW¼ Section 8, T.20N., R.34E., M.D.M.
DIVERSION RATE:	0.0166 cfs
ALLOWED DUTY:	11.94 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATES:	POC 1/29/20; PBU 1/29/21
REMARKS:	Big Box Canyon Spring Dixie Valley Allotment

POD PARCEL:	Churchill County APN 003-471-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-471-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

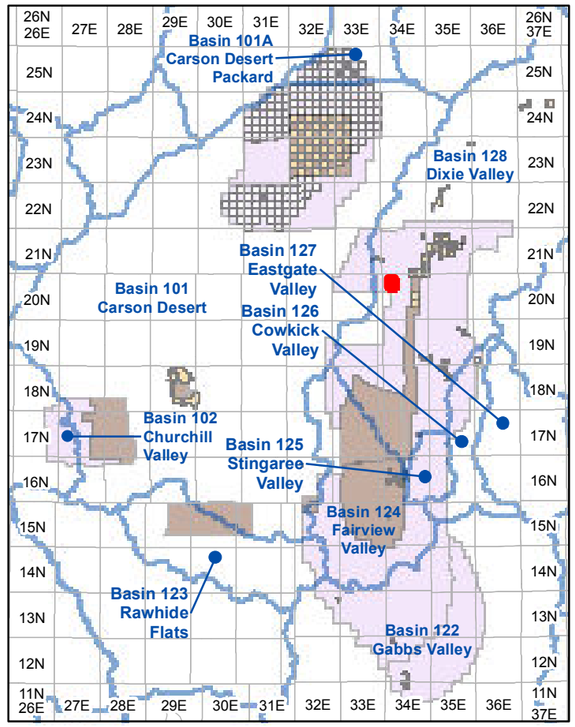
Permit 87895

The current owner of Permit 87895 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on January 29, 2019. It has a priority date of April 24, 2018 and an allowed diversion rate of 0.0166 CFS. The permitted manner of use is for stock-watering purposes. The total combined duty of water under Claims of Vested Right V11305, V11306, and V11307; and Permit 87763, 87764, 87765, 87766, 87769, 87877, 87878, 87879, 87881, 87882, 87883, 87884, 87885, 87886, 87887, 87888, 87889, 87888, 87889, 87890, 87891, 87892, 87893, 87894, 87895, 87896, and 87897 shall not exceed 11.94 acre-feet annually. The allowed period of use is from January 1 through December 31.

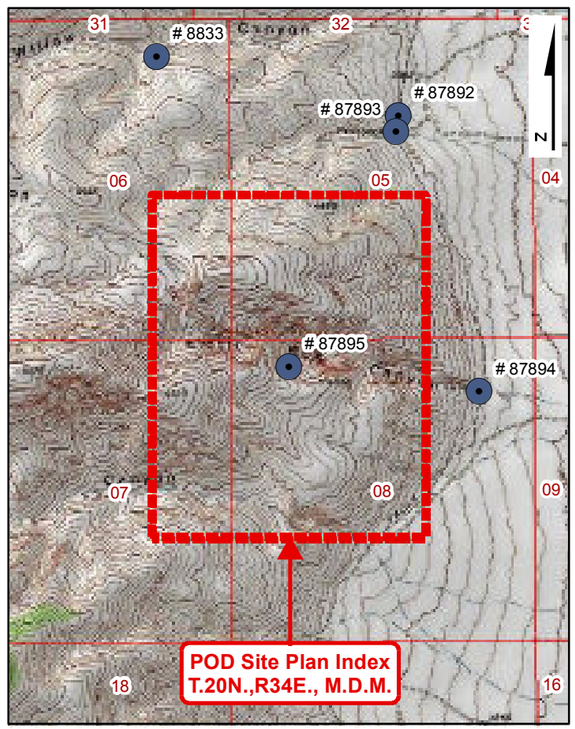
The point of diversion is located within the NW¼SW¼ Section 8, Township 20N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-471-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
NW	SW	8	20N	34E	533 cattle

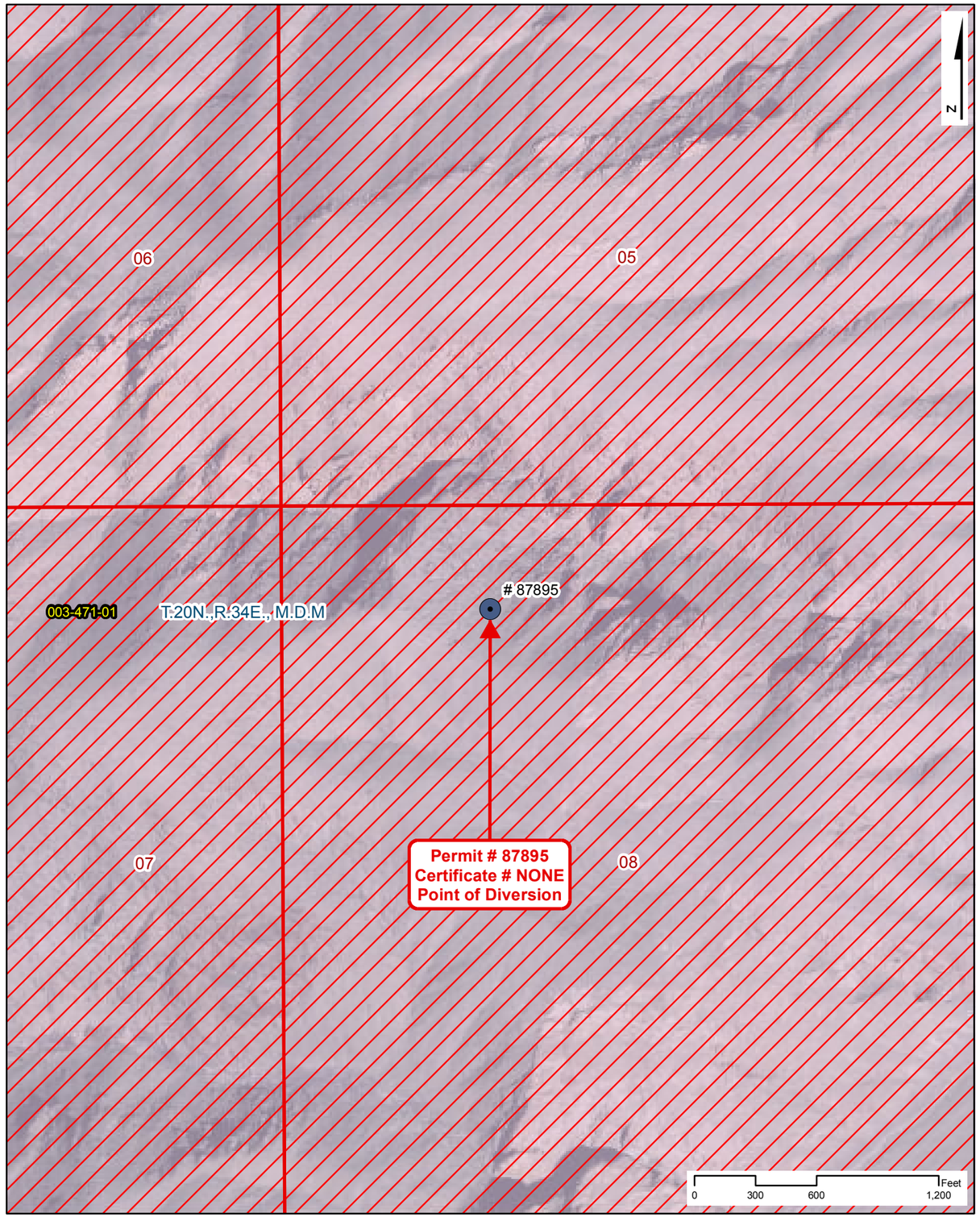
The Proof of Completion for Permit 87895 has a due date of January 29, 2020. The Proof Beneficial Use has a due date of January 29, 2021.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87895 **CERTIFICATE: NONE**

BASIN: Dixie Valley (128) **COUNTY: Churchill**
LATITUDE: 39.61955 **LONGITUDE: -118.18466**
POINT OF DIVERSION: NW1/4,SW1/4, Section 8, T.20N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Bench Creek Ranch Co., LLC

PRIORITY DATE: 4/24/2018
PERMIT DATE: 1/29/2019
CERTIFICATE DATE:
DUE DATE: POC - 1/29/20; PBU - 1/29/21

USE UNITS

533 Cattle

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.0166 CFS
ALLOWED DUTY: 11.940 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-471-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87895
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:49:10 AM

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**SPRING (BIG BOX CANYON SPRING)**
Basin:	**DIXIE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**04/24/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Claims of Vested Right V11305, V11306 and V11307; Permits 87763 through 87769 inclusive; Permits 87877 through 87879 inclusive and Permits 87881 through 87897 inclusive shall not exceed 11.94 acre-feet annually.

This permit is subject to the condition that the permittee must ensure that wildlife which have customarily used such water will have access thereto, NRS 533.367.

It is understood that the amount of water wherein granted is limited to the amount of water actually produced by the spring, and no rights in excess of that amount are implied or inferred.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.01666 cubic feet per second and 11.94 acre-feet annually, or sufficient to water 533 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **January** 29 **2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **January** 29 **2021**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **January, 2019**

Tim Wilson, P.E.

Acting State Engineer

STATE ENGINEER STATE OF NEVADA

87895

Application No. _____

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

RECEIVED
2018 APR 24 PM 3:24
STATE ENGINEER'S OFFICE

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office APR 24 2018

Returned to applicant for correction _____

Corrected Application filed _____ Map filed APR 24 2018

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code) _____ (E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

---

1. The source of water is Big Box Canyon Spring
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet _____
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated _____
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12) _____
   (d) Power:
      (1) Horsepower developed _____
      (2) Point of return of water to stream _____

Revised 06/17

10-128

87895

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the NW¼ SW¼ of Section 8, T.20N., R.34E., M.D.B.&M., or at a point from which the SE corner of Section 36, T.21N., R.34E., M.D.B.&M. bears N. 70° 25' 40.23" E., a distance of 26,272.3 feet. (Please see map accompanying this application).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

within the NW¼ SW¼ of Section 8, T. 20 N., R.34E., M.D.B.&M. (Please see map accompanying this application)

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7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Cattle currently have access to naturally flowing spring. No additional works are proposed at this time.

9. Estimated cost of works: $0.00

10. Estimated time required to construct works: N/A - Works complete
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 1 Year

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Stock have historically and currently use water from this naturally flowing spring. No additional works are proposed at this time.

13. Miscellaneous remarks:

Please See "Attachment A"

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or ~~print~~ name clearly

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3108 Silver Sage Dr., STE 102
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

Revised 06/17 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

87895

Attachment A

13. Miscellaneous remarks:

Big Box Canyon Spring is located within the Dixie Valley Grazing Allotment (owned by the Applicant), and stock have historically used this spring as a water source. Stock are currently able to access the naturally flowing spring. No works are proposed at this time.

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Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st, through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

Calculation of 5 Additional Cattle Allowed 31 days of the year:

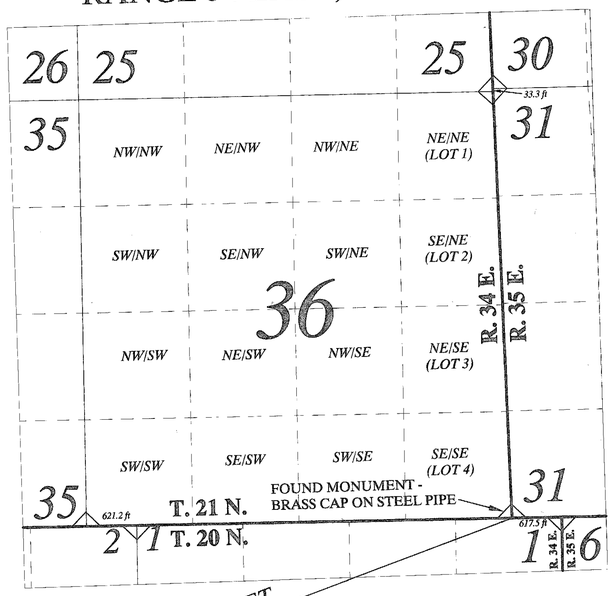
0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA

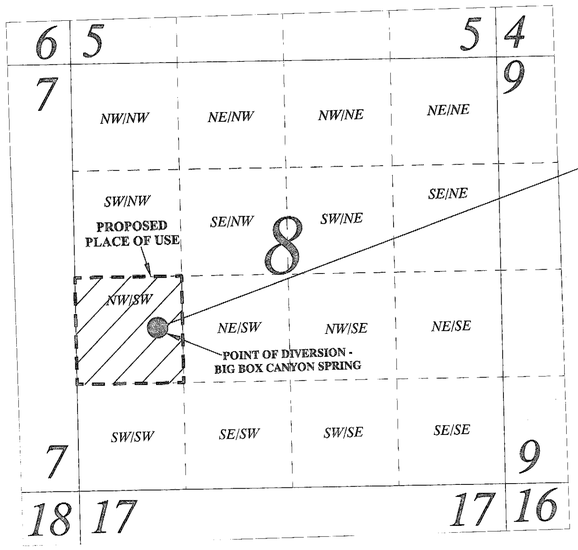
LEGEND

- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- PROPOSED PLACE OF USE

PORTIONS OF TOWNSHIP 21 NORTH, RANGE 34 EAST, M.D.B.&M.



N. 70° 25' 40.23" E.,
26,272.3 FEET



PORTIONS OF TOWNSHIP 20 NORTH, RANGE 34 EAST, M.D.B.&M.

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

1 inch = 1,000 feet

GPS COORDINATES [NAD 83]

SE CORNER OF SECTION 36, T. 21 N., R. 34 E., M.D.B.&M.	*N 39° 38' 10.14" W 118° 5' 48.45"*
PROPOSED POD - BIG BOX CANYON SPRING	*N 39° 36' 43.04" W 118° 11' 4.78"*

STATE OF NEVADA } SS
COUNTY OF CARSON CITY

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF BIG BOX CANYON SPRING, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER - STATE OF NEVADA
CHRISTOPHER G. MOLTZ
Exp. 12/31/19
No. 023135
April 18, 2018

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 18 DAY OF April, 2018.

NOTARY PUBLIC IN AND FOR Carson City COUNTY, NEVADA.
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON
NOTARY PUBLIC
STATE OF NEVADA
No. 15-2652-3 My Appt. Exp. Sept. 4, 2019

BIG BOX CANYON SPRING

PROPOSED POINT OF DIVERSION

WITHIN THE NW¼ SW¼ OF SECTION 8, T.20N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SECTION 36, T.21N., R.34E., M.D.B.&M. BEARS N. 70º 25' 40.23" E., A DISTANCE OF 26,272.3 FEET.

PROPOSED PLACE OF USE

WITHIN THE NW¼ SW¼ OF SECTION 8, T.20N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. GENERAL LAND OFFICE SURVEY DATED OCTOBER 3, 1930 FOR T. 21 N., R. 34 E., M.D.B. & M. AND FROM BOTH A BUREAU OF LAND MANAGEMENT PROTRACTION PLAT DATED MARCH 23, 1962 AND FROM A BUREAU OF LAND MANAGEMENT SURVEY PLAT DATED SEPTEMBER 26, 1966 FOR T. 20 N., R.34E., M.D.B.&M.

NOTE: SECTION LINES ARE ONLY SURVEYED FOR SELECT SECTIONS OF T. 20 N., R. 34 E., M.D.B. & M. APPROXIMATE QUARTER-QUARTER LINES DERIVED FROM EQUAL SUBDIVISION OF SURVEYED SECTIONS.

N

APRIL 18, 2018 *Sheet 1 of 1*

STATE ENGINEER'S USE

87895

FILED
APR 24 2018
STATE ENGINEER'S OFFICE

STATE ENGINEERS OFFICE
2018 APR 24 PM 3:28

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MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
BIG BOX CANYON SPRING
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87895

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 87895
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

PERMIT 87896

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.589328 **LONGITUDE:** -118.188042

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	4/24/2018
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NW¼NW¼ Section 20, T.20N., R.34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	533 cattle
PLACE OF USE:	NW¼NW¼ Section 20, T.20N., R.34E., M.D.M.
DIVERSION RATE:	0.0166 cfs
ALLOWED DUTY:	11.94 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATES:	POC 1/29/20; PBU 1/29/21
REMARKS:	Freeman Creek Spring Dixie Valley Allotment

POD PARCEL:	Churchill County APN 003-471-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-471-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

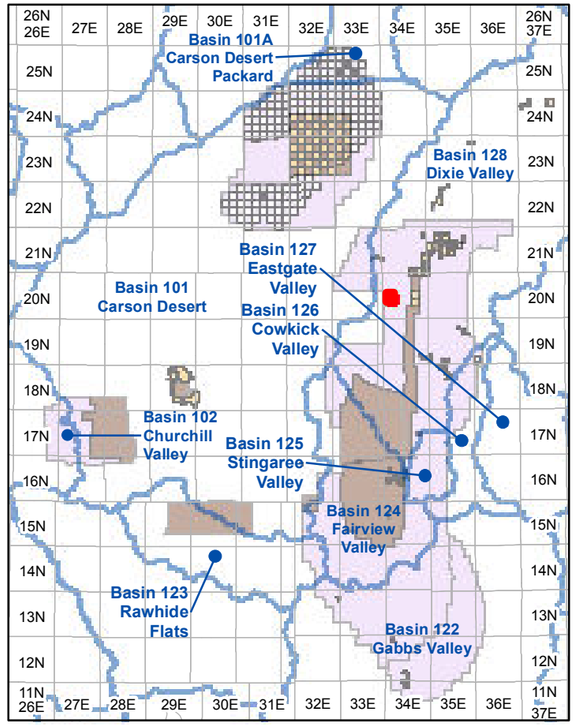
Permit 87896

The current owner of Permit 87896 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on January 29, 2019. It has a priority date of April 24, 2018 and an allowed diversion rate of 0.0166 CFS. The permitted manner of use is for stock-watering purposes. The total combined duty of water under Claims of Vested Right V11305, V11306, and V11307; and Permit 87763, 87764, 87765, 87766, 87769, 87877, 87878, 87879, 87881, 87882, 87883, 87884, 87885, 87886, 87887, 87888, 87889, 87888, 87889, 87890, 87891, 87892, 87893, 87894, 87895, 87896, and 87897 shall not exceed 11.94 acre-feet annually. The allowed period of use is from January 1 through December 31.

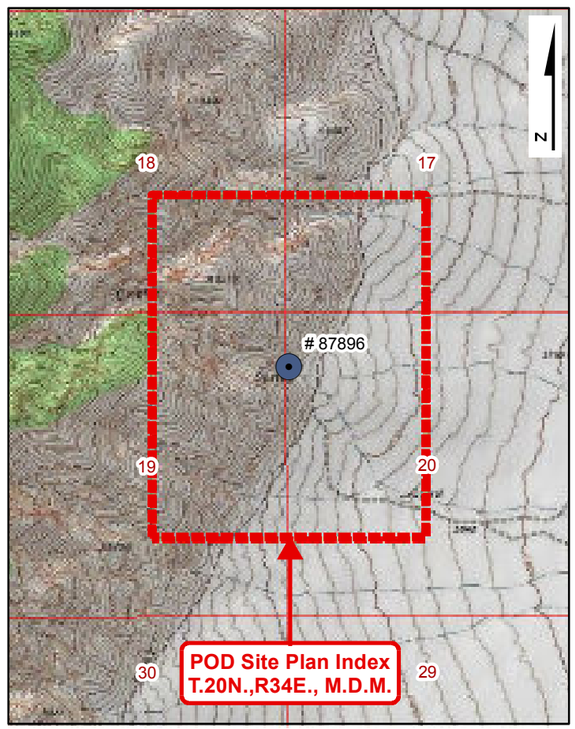
The point of diversion is located within the NW¼NW¼ Section 20, Township 20N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-471-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
NW	NW	20	20N	34E	533 cattle

The Proof of Completion for Permit 87896 has a due date of January 29, 2020. The Proof Beneficial Use has a due date of January 29, 2021.



Township and Range Index
Scale: 1" = 20 Miles



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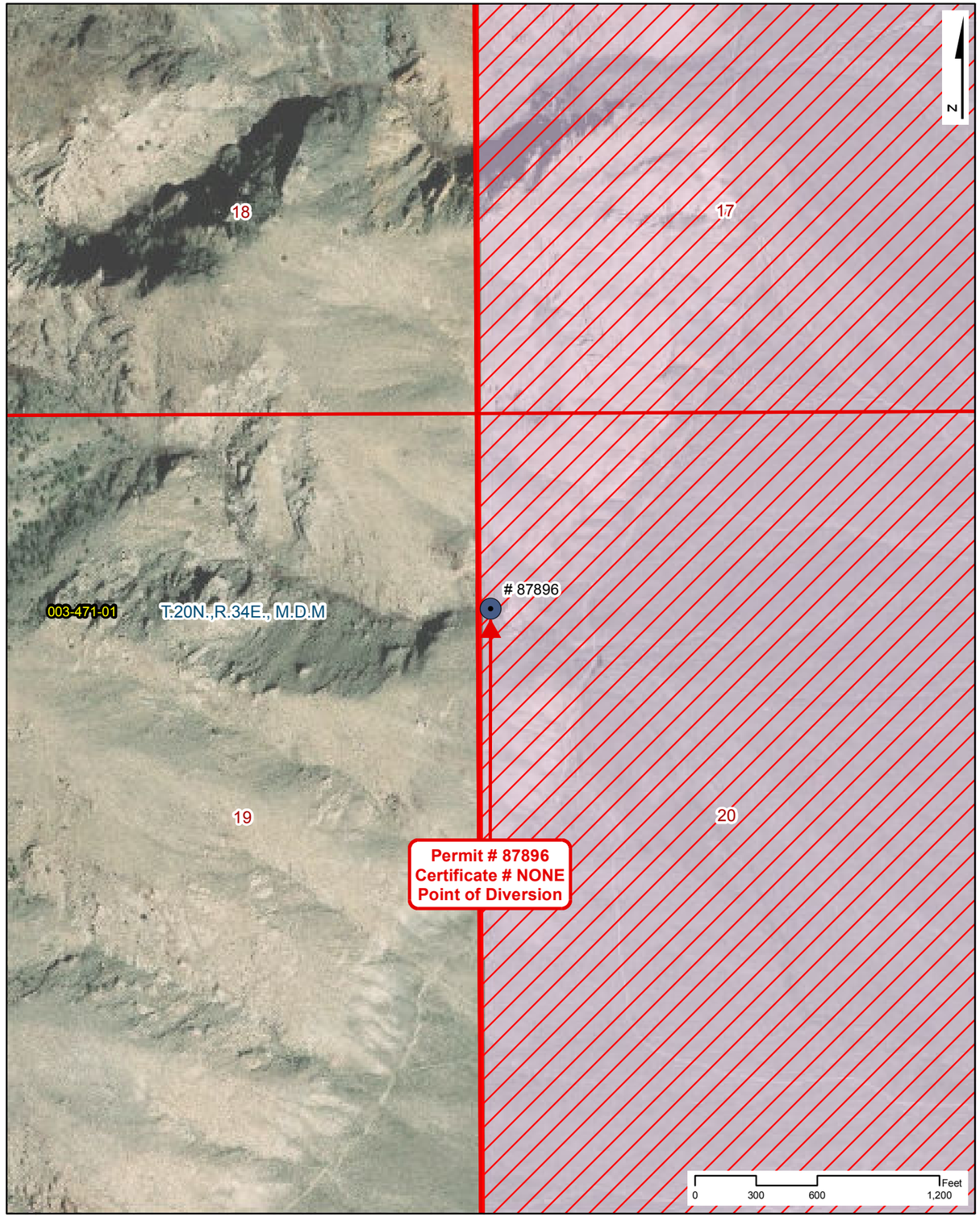

Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87896 **CERTIFICATE: NONE**

BASIN: Dixie Valley (128) **COUNTY: Churchill**
LATITUDE: 39.589328 **LONGITUDE: -118.188042**
POINT OF DIVERSION: NW1/4,NW1/4, Section 20, T.20N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Bench Creek Ranch Co., LLC

PRIORITY DATE: 4/24/2018
PERMIT DATE: 1/29/2019
CERTIFICATE DATE:
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SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
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A.P.N. 003-471-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

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- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87896
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:49:12 AM

Permit No. 87896

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**SPRING (FREEMAN CREEK SPRING)**
Basin:	**DIXIE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**04/24/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. The State retains the right to regulate the use of the water herein granted at any and all times.

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(Continued on Page 2)

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Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **January** 29 **2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **January** 29 **2021**

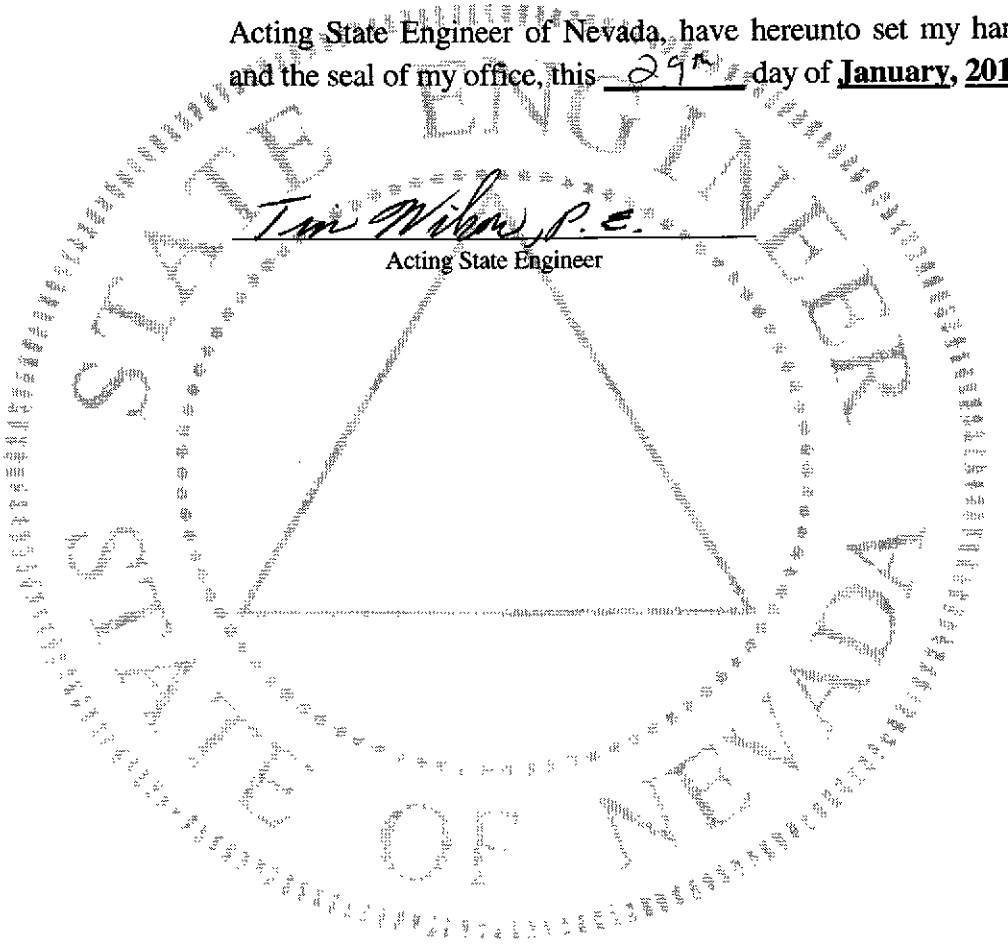
Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **January, 2019**

Tim Wilson, P.E.

Acting State Engineer



Application No. 87896

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office APR 24 2018

Returned to applicant for correction

Corrected Application filed _____ Map filed APR 24 2018

RECEIVED
2018 APR 24 PM 3:24
STATE ENGINEERS OFFICE

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code)

(E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co. LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

---

1. The source of water is Freeman Creek Spring
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12)
   (d) Power:
      (1) Horsepower developed
      (2) Point of return of water to stream

Revised 06/17

10-128 CR

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the NW¼ NW¼ of Section 20, T.20N., R.34E., M.D.B.&M., or at a point from which the SE corner of Section 36, T.21N., R.34E., M.D.B.&M. bears N. 56° 28' 5.52" E., a distance of 30,851.8 feet. (Please see map accompanying this application).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

within the NW¼ NW¼ of Section 20, T. 20 N., R.34E., M.D.B.&M. (Please see map accompanying this application).

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7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

It currently is proposed that a trough system be installed to collect water from the spring; however, works might not be installed as cattle currently have access to the naturally flowing spring.

9. Estimated cost of works: $2,000.00

10. Estimated time required to construct works: 2 Years
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 3 Years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

It currently is proposed that a trough system be installed to collect water from the spring; however, works might not be installed as cattle currently have access to the naturally flowing spring.

13. Miscellaneous remarks:

Please See "Attachment A"

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
Type or print name clearly.

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3108 Silver Sage Dr., STE 102
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

 $360 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

87896

Attachment A

13. Miscellaneous remarks:

Freeman Creek Spring is located within the Dixie Valley Grazing Allotment (owned by the Applicant), and stock have historically used this spring as a water source. Stock are currently able to access this naturally flowing spring.

Bench Creek Ranch Co., LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st, through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA

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LEGEND

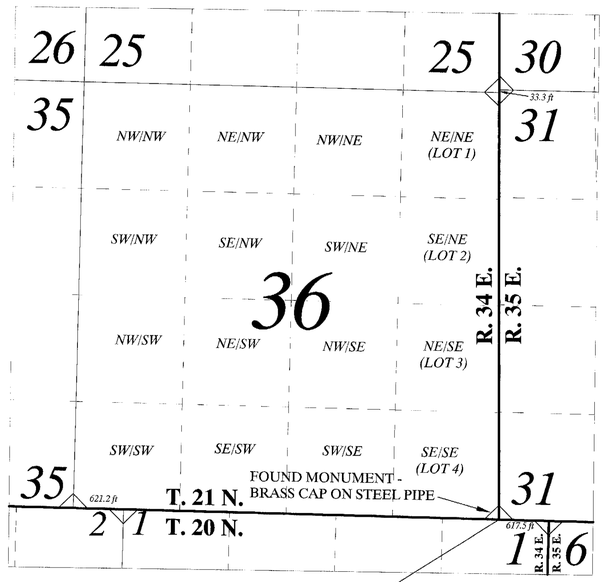
- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- PROPOSED PLACE OF USE

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

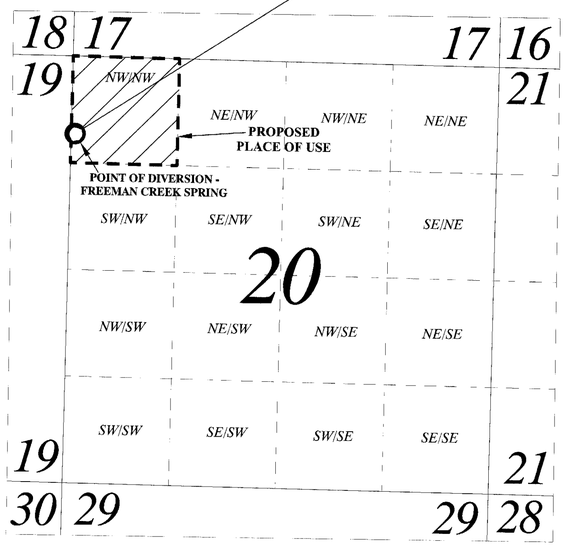
1 inch = 1,000 feet

PORTIONS OF TOWNSHIP 21 NORTH, RANGE 34 EAST, M.D.B.&M.



30,851.8 FEET

N. 56° 28' 5.52" E.,



PORTIONS OF TOWNSHIP 20 NORTH, RANGE 34 EAST, M.D.B.&M.

Stanka Consulting, LTD
A Professional Engineering Company

3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

STATE OF NEVADA
COUNTY OF CARSON CITY } SS

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF FREEMAN CREEK SPRING, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER - STATE OF NEVADA - CHRISTOPHER G. MOLTZ - Exp. 12/31/19 - CIVIL - No. 023133 - Apr. 18, 2018

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 18 *DAY OF* April, 2018.

NOTARY PUBLIC IN AND FOR Carson City *COUNTY, NEVADA.*
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON NOTARY PUBLIC STATE OF NEVADA No. 15-2952-3 My Appt. Exp. Sept. 4, 2019

FREEMAN CREEK SPRING

PROPOSED POINT OF DIVERSION

WITHIN THE NW¼ NW¼ OF SECTION 20, T.20N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SECTION 36, T.21N., R.34E., M.D.B.&M. BEARS N. 56º 28' 5.52" E., A DISTANCE OF 30,851.8 FEET.

PROPOSED PLACE OF USE

WITHIN THE NW¼ NW¼ OF SECTION 20, T.20N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. GENERAL LAND OFFICE SURVEY DATED OCTOBER 3, 1930 FOR T. 21 N., R. 34 E., M.D.B. & M. AND FROM BOTH A BUREAU OF LAND MANAGEMENT PROTRACTION PLAT DATED MARCH 23, 1962 AND FROM A BUREAU OF LAND MANAGEMENT SURVEY PLAT DATED SEPTEMBER 26, 1966 FOR T. 20 N., R.34E., M.D.B.&M.

NOTE: SECTION LINES ARE ONLY SURVEYED FOR SELECT SECTIONS OF T. 20 N., R. 34 E., M.D.B. & M. APPROXIMATE QUARTER-QUARTER LINES DERIVED FROM EQUAL SUBDIVISION OF SURVEYED SECTIONS.

N

GPS COORDINATES [NAD 83]

SE CORNER OF SECTION 36, T. 21 N., R. 34 E., M.D.B.&M.	*N 39° 38' 10.14" W 118° 5' 48.45"*
PROPOSED POD - FREEMAN CREEK SPRING	*N 39° 35' 21.58" W 118° 11' 16.95"*

APRIL 18, 2018 *Sheet 1 of 1*

STATE ENGINEER'S USE

87896
FILED
APR 24 2018
STATE ENGINEER'S OFFICE

STATE ENGINEERS OFFICE
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MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
FREEMAN CREEK SPRING
IN
CHURCHILL COUNTY, NEVADA

87896

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 87896
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Permit 87897

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.55212 **LONGITUDE:** -118. 205156

OWNERSHIP:	Bench Creek Ranch Co., LLC
PRIORITY DATE:	4/24/2018
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NW¼SW¼ Section 31, T.20N., R.34E., M.D.M.
MANNER OF USE:	STK
PLACE OF USE:	NW¼SW¼ Section 31, T.20N., R.34E., M.D.M.
	SW¼SW¼ Section 31, T.20N., R.34E., M.D.M.
DIVERSION RATE:	0.016 cfs
ALLOWED DUTY:	11.94 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Permit
DUE DATES:	POC Due 1/29/2020
	PBU Due 1/29/2021
REMARKS:	Sheep Canyon Spring

POD PARCEL:	Churchill County APN 003-471-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-471-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

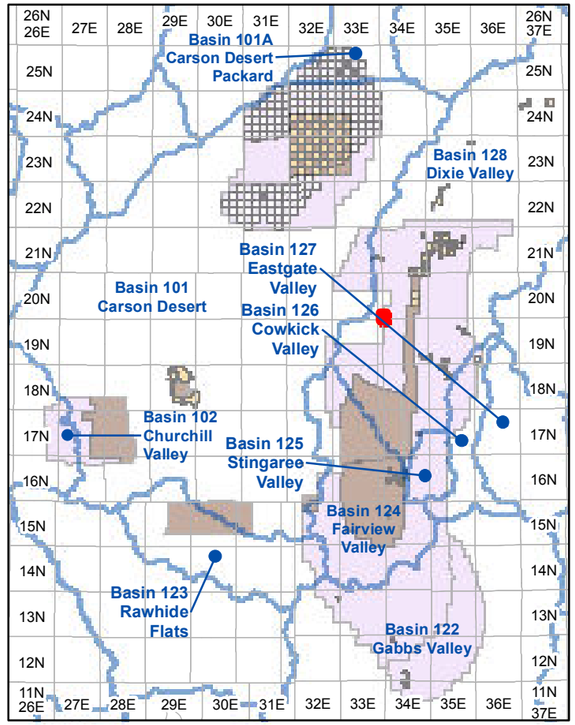
Permit 87897

The current owner of Permit 87897 is Bench Creek Ranch Co., LLC. The permit was approved by the State Engineer on January 29, 2019. It has a priority date of April 24, 2018 and an allowed diversion rate of 0.0166 CFS. The permitted manner of use is for stock-watering purposes. The total combined duty of water under Claims of Vested Right V11305, V11306, and V11307; and Permit 87763, 87764, 87765, 87766, 87769, 87877, 87878, 87879, 87881, 87882, 87883, 87884, 87885, 87886, 87887, 87888, 87889, 87888, 87889, 87890, 87891, 87892, 87893, 87894, 87895, 87896, and 87897 shall not exceed 11.94 acre-feet annually. The allowed period of use is from January 1 through December 31.

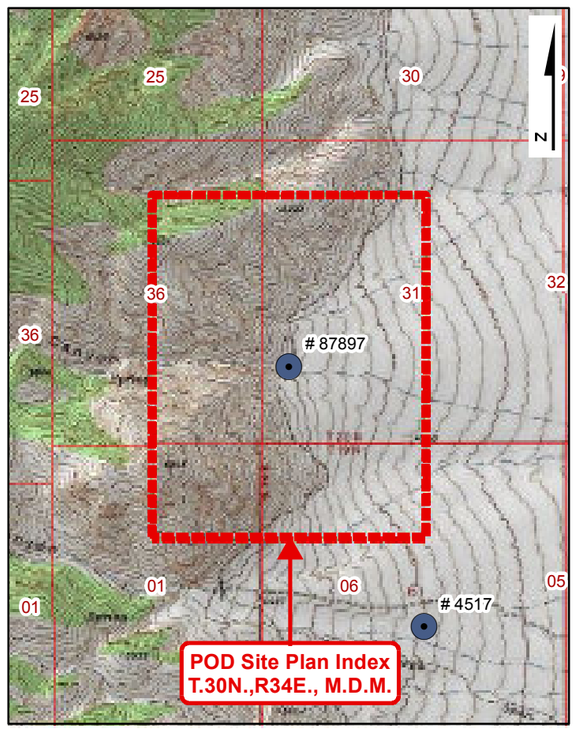
The point of diversion is located within the NW¼SW¼ Section 31, Township 20N, Range 34E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-471-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
NW	SW	31	20N	34E	533 cattle
SW	SW	31	20N	34E	

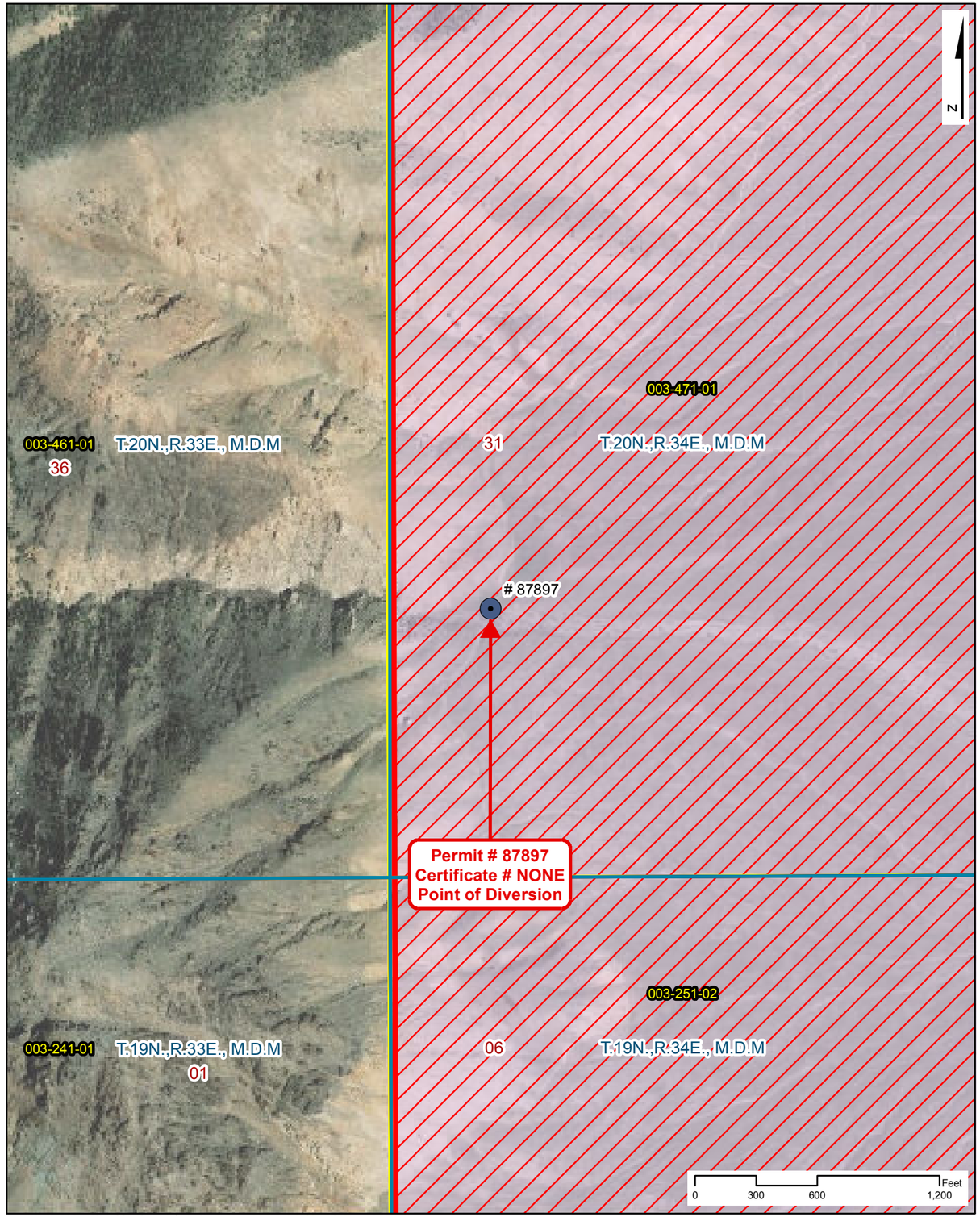
The Proof of Completion for Permit 87896 has a due date of January 29, 2020. The Proof Beneficial Use has a due date of January 29, 2021.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

PERMIT: 87897 **CERTIFICATE: NONE**

BASIN: Dixie Valley (128) **COUNTY: Churchill**
LATITUDE: 39.55212 **LONGITUDE: -118.205156**
POINT OF DIVERSION: **NW1/4,SW1/4, Section 31, T.30N.,R34E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **N/A**
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Bench Creek Ranch Co., LLC

PRIORITY DATE: **4/24/2018**
PERMIT DATE: **1/29/2019**
CERTIFICATE DATE:
DUE DATE: **POC - 1/29/20, PBU - 1/29/21**

USE UNITS

533 Cattle

SOURCE DESCRIPTION: **Spring**
MANNER OF USE: **Stock-Watering**
DIVERSION RATE: **0.016 CFS**
ALLOWED DUTY: **11.940 AFA**
PERIOD OF USE: **01/01-12/31**

GIS PARCEL DATA

A.P.N. 003-471-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

PERMIT: 87897
CERTIFICATE: NONE

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Permit_Certificate_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:49:15 AM

THE STATE OF NEVADA

PERMIT TO APPROPRIATE WATER

Name of Permittee:	**BENCH CREEK RANCH CO, LLC**
Source:	**SPRING (SHEEP CANYON SPRING)**
Basin:	**DIXIE VALLEY**
Manner of Use:	**STOCKWATERING**
Period of Use:	**JANUARY 1ST THROUGH DECEMBER 31ST**
Priority Date:	**04/24/2018**

****

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the period of use and the average number of livestock served from the waters of this source. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Claims of Vested Right V11305, V11306 and V11307; Permits 87763 through 87769 inclusive; Permits 87877 through 87879 inclusive and Permits 87881 through 87897 inclusive shall not exceed 11.94 acre-feet annually.

This permit is subject to the condition that the permittee must ensure that wildlife which have customarily used such water will have access thereto, NRS 533.367.

It is understood that the amount of water wherein granted is limited to the amount of water actually produced by the spring, and no rights in excess of that amount are implied or inferred.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **not to exceed 0.01666 cubic feet per second and 11.94 acre-feet annually, or sufficient to water 533 head of cattle.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **January 29 2020**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **January 29 2021**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, TIM WILSON, P.E.,

Acting State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **January, 2019**

Tim Wilson, P.E.

Acting State Engineer

STATE ENGINEER STATE OF NEVADA

Application No. 87897

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office APR 24 2018

Returned to applicant for correction

Corrected Application filed Map filed APR 24 2018

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2018 APR 24 PM 3:25
STATE ENGINEERS OFFICE

The applicant BENCH CREEK RANCH CO, LLC.

943 Edgecliff Drive (Street Address or P.O. Box) of Reno (City or Town)

NV 89523 (State and ZIP Code)

(E-mail Address)

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Bench Creek Ranch Co, LLC. is a Domestic Limited- Liability Company registered in Nevada since 2006.

---

1. The source of water is Sheep Canyon Spring
   Name of the stream, lake, underground, spring or other sources.
2. The amount of water applied for is 0.01665625 c.f.s., not to exceed 11.955 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).
   (a) If stored in a reservoir give the number of acre-feet
3. The water is to be used for Stockwatering
   Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
4. If use is for:
   (a) Irrigation, state number of acres to be irrigated
   (b) Stockwater, state number and kind of animals 533 Cattle
   (c) Other use (describe fully in No. 12)
   (d) Power:
      (1) Horsepower developed
      (2) Point of return of water to stream

Revised 06/17

10-128 CR

87897

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the NW¼ SW¼ of Section 31, T.20N., R.34E., M.D.B.&M., or at a point from which the SE corner of Section 36, T.21N., R.34E., M.D.B.&M. bears N. 44° 58' 2.05" E., a distance of 43,235.6 feet. (Please see map accompanying this application).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

within the NW¼ SW¼ and SW¼ SW¼ of Section 31, T. 20 N., R.34E., M.D.B.&M. (Please see map accompanying this application)

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7. Use will begin about January 1st (Month and Day) and end about December 31st (Month and Day) of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Spring box, pipeline, and trough system is already in place. No additional works are proposed at this time.

9. Estimated cost of works: $0.00

10. Estimated time required to construct works: N/A - Works complete
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 1 Year

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Stock have historically and currently use water from this naturally flowing spring. Spring box, pipeline, and trough system is already in place. No additional works are proposed at this time.

13. Miscellaneous remarks:

Please See "Attachment A"

chris@stankaconsulting.com
E-mail Address

(775) 885-9283
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Christopher G. Moltz, P.E., W.R.S.
(Type or print name clearly)

Signature, applicant or agent

Stanka Consulting, LTD
Company Name

3108 Silver Sage Dr., STE 102
Street Address or PO Box

Carson City, NV 89701
City, State, ZIP Code

87897

Attachment A

13. Miscellaneous remarks:

Sheep Canyon Spring is located within the Dixie Valley Grazing Allotment (owned by the Applicant) and stock have historically used this spring as a water source. Stock are currently able to access the spring via existing spring box, pipeline, and trough system. No additional works are proposed at this time.

RECEIVED
2018 APR 24 PM 3:22
STATE ENGINEER'S OFFICE

Bench Creek Ranch Co. LLC is the current holder of the BLM Dixie Valley Grazing Allotment (Allotment 03018). They are allowed 528 cattle year round, plus an additional 5 cattle from March 1st, through March 31st. C.F.S. is based on the 533 maximum cattle allowed, and AFA is based on 528 cattle allowed year round plus the additional 5 cattle allowed from March 1st through March 31st.

Calculation of AFA 528 Cattle Allowed 365 days of the year:

0.00003125 cfs/cow *528 cattle * 723.97 AFA /cfs = 11.945505 AFA

Calculation of 5 Additional Cattle Allowed 31 days of the year:

0.00003125 cfs/cow * 5 cattle *723.97 AFA /cfs * 31 days / 365 days = 0.009607479 AFA

Total AFA Applied For = 11.945505 AFA + 0.009607479 AFA = 11.955 AFA

LEGEND

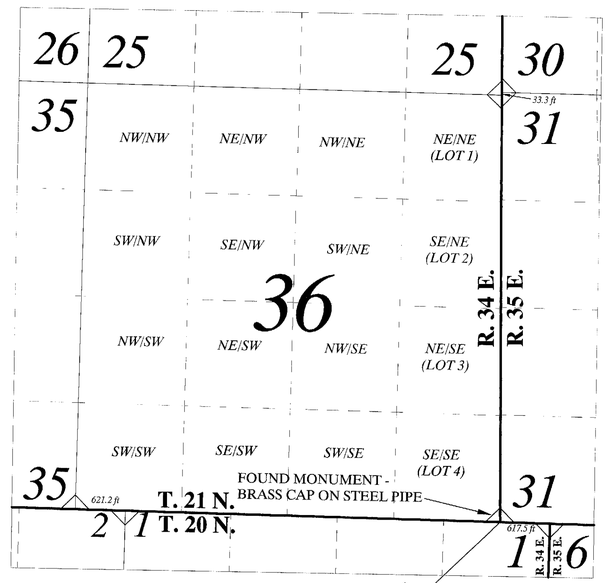
- TOWNSHIP-RANGE LINE
- QUARTER-QUARTER LINE
- SECTION LINE
- POINT OF DIVERSION
- FOUND CORNER MONUMENT
- PROPOSED PLACE OF USE

SCALE

1,000 0 500 1,000 2,000 4,000 FEET

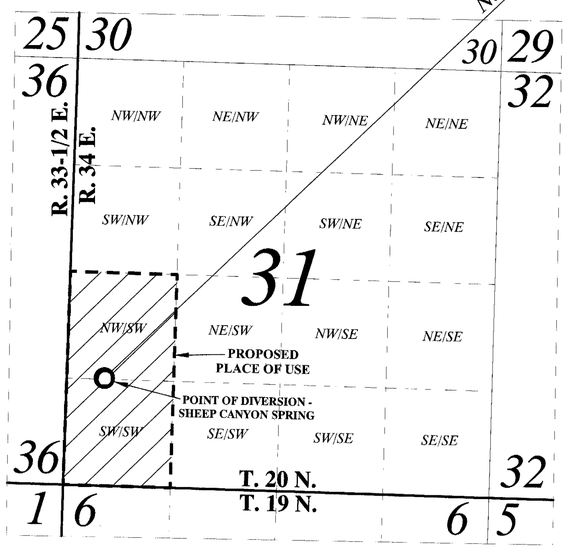
1 inch = 1,000 feet

PORTIONS OF TOWNSHIP 21 NORTH, RANGE 34 EAST, M.D.B.&M.



43,235.6 FEET

N. 44° 58' 2.05" E.,



PORTIONS OF TOWNSHIP 20 NORTH, RANGE 34 EAST, M.D.B.&M.

STATE OF NEVADA
COUNTY OF CARSON CITY } SS

I, CHRISTOPHER G. MOLTZ, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE, FROM FIELD NOTES OF A SURVEY MADE BY ME AND/OR UNDER MY SUPERVISION AND DIRECTION ON JANUARY 20, 2018, AND RELYING UPON ANALYSIS OF RECORDED SURVEY DOCUMENTS, AND OTHER DOCUMENTS LOCATED AT THE NEVADA DIVISION OF WATER RESOURCES, AND THE DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE PROPOSED POINT OF DIVERSION AND PROPOSED PLACE OF USE OF SHEEP CANYON SPRING, LOCATED IN CHURCHILL COUNTY BY BENCH CREEK RANCH CO, LLC. FOR STOCKWATER PURPOSES, AND THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS, AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40-ACRE SUBDIVISIONS THE AREAS PROPOSED TO BE SERVED, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

CHRISTOPHER G. MOLTZ, P.E., SWRS # 1302

PROFESSIONAL ENGINEER - STATE OF NEVADA - CHRISTOPHER G. MOLTZ - Exp. 12/31/19 - CIVIL - No. 023133

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 18 *DAY OF* April, 2018.

NOTARY PUBLIC IN AND FOR Carson City *COUNTY, NEVADA.*
MY COMMISSION EXPIRES September 4, 2019

MARK T. JOHNSON NOTARY PUBLIC STATE OF NEVADA No. 15-2952-3 My Appt. Exp. Sept. 4, 2019

SHEEP CANYON SPRING

PROPOSED POINT OF DIVERSION

WITHIN THE NW¼ SW¼ OF SECTION 31, T.20N., R.34E., M.D.B.&M., OR AT A POINT FROM WHICH THE SE CORNER OF SECTION 36, T.21N., R.34E., M.D.B.&M. BEARS N. 44º 58' 2.05" E., A DISTANCE OF 43,235.6 FEET.

PROPOSED PLACE OF USE

WITHIN THE NW¼ SW¼ AND SW¼ SW¼ OF SECTION 31, T.20N., R.34E., M.D.B.&M.

PROPOSED MANNER OF USE

STOCKWATER

N

BASIS OF BEARINGS

POSITIONS AND TIES ARE GPS DERIVED USING NAD 83 DATUM GPS ACCURACY +/- 3 to 5 METERS. SECTION LINE DISTANCE AND BEARINGS OBTAINED FROM A U.S. GENERAL LAND OFFICE SURVEY DATED OCTOBER 3, 1930 FOR T. 21 N., R. 34 E., M.D.B. & M. AND FROM BOTH A BUREAU OF LAND MANAGEMENT PROTRACTION PLAT DATED MARCH 23, 1962 AND FROM A BUREAU OF LAND MANAGEMENT SURVEY PLAT DATED SEPTEMBER 26, 1966 FOR T. 20 N., R.34E., M.D.B.&M.

NOTE: SECTION LINES ARE ONLY SURVEYED FOR SELECT SECTIONS OF T. 20 N., R. 34 E., M.D.B. & M. APPROXIMATE QUARTER-QUARTER LINES DERIVED FROM EQUAL SUBDIVISION OF SURVEYED SECTIONS.

GPS COORDINATES [NAD 83]

SE CORNER OF SECTION 36, T. 21 N., R. 34 E., M.D.B.&M.	*N 39º 38' 10.14" W 118º 5' 48.45"*
PROPOSED POD - SHEEP CANYON SPRING	*N 39º 33' 7.64" W 118º 12' 18.56"*

APRIL 9, 2018 *Sheet 1 of 1*

STATE ENGINEER'S USE 87897

FILED APR 24 2018 STATE ENGINEER'S OFFICE

RECEIVED 2018 APR 24 PM 3:28 STATE ENGINEERS OFFICE

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATERS OF THE STATE OF NEVADA
FOR
STOCKWATER USE
BY
BENCH CREEK RANCH CO, LLC.
FROM
SHEEP CANYON SPRING
IN
CHURCHILL COUNTY, NEVADA

Stanka Consulting, LTD
A Professional Engineering Company

3108 Silver Sage Drive, Suite 102
Carson City NV 89701
(775) 885-9283
chris@stankaconsulting.com
www.stankaconsulting.com

Z/7.91 BENCH CREEK RANCH/03 CHRIS

87897



Site Search

Permit Information

New Search

App/Permit: 87897
Status: PERMIT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
BENCH CREEK RANCH CO, LLC	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
BENCH CREEK RANCH CO, LLC

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Application 88495

BASIN: Carson Desert (101) **COUNTY:** Churchill

LATITUDE: 39.470763 **LONGITUDE:** -118.814461

OWNERSHIP:	Churchill County
PRIORITY DATE:	08/12/1971
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	SW¼NW¼ Section 35, T.19N., R.28E., M.D.M.
MANNER OF USE:	MUN
PLACE OF USE:	See following table
DIVERSION RATE:	0.50 cfs
ALLOWED DUTY:	61.07 afa
PERIOD OF USE:	01/01-12/31
STATUS:	RFA
RFA DATE:	02/01/2019
REMARKS:	

POD PARCEL:	Churchill County APN 008-011-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN Multiple
POU PARCEL OWNER:	Multiple

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

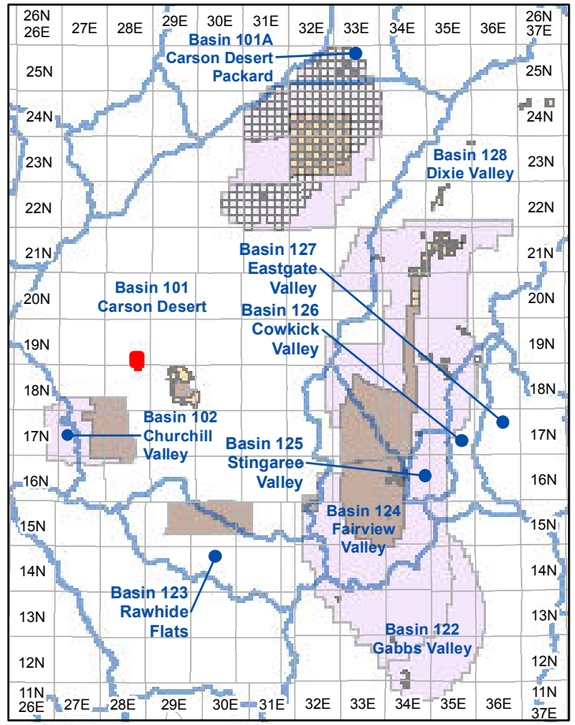
Application 88495

The current owner of Application 88495 is Churchill County. The application was submitted to the NDWR on November 26, 2018. The application requests a duty of 61.07 and an allowed diversion rate of 0.5 CFS be permitted for municipal purposes from January 1 through December 31.

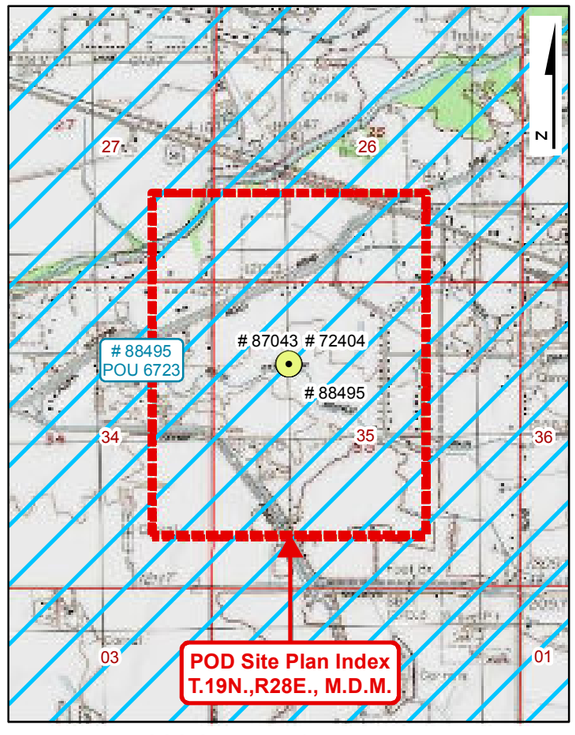
The proposed point of diversion is located within the SW¼NW¼ Section 35, Township 19N, Range 28E, MDM and is more specifically listed in the table below.

Section(s)	Township	Range
1-4, E½5, E½8, 9-16, E½17, E½20, 21-28, E½29, 30, 31, E½32, 33-36	20N	26E
All Sections	20N	27E
All Sections	20N	28E
All Sections	20N	29E
All Sections	20N	30E
All Sections	20N	31E
W½4, 5-8, W½9, W½ & S½16, 17-21, 29-30	20N	32E
1-4, E½5, E½8, 9-36	19N	26E
All Sections	19N	27E
All Sections	19N	28E
All Sections	19N	29E
All Sections	19N	30E
2-11, 14-22, 27-33	19N	31E
1-30, 32-36	18N	26E
All Sections	18N	27E
All Sections	18N	28E
All Sections	18N	29E
All Sections	18N	30E
W½4, 5-8, W½9, W½16, 17-20, W½21, W½28, 29-32, W½33	18N	31E
1-3, 10-15, 21-28, 33-36	17N	28E
All Sections	17N	29E
All Sections	17N	30E

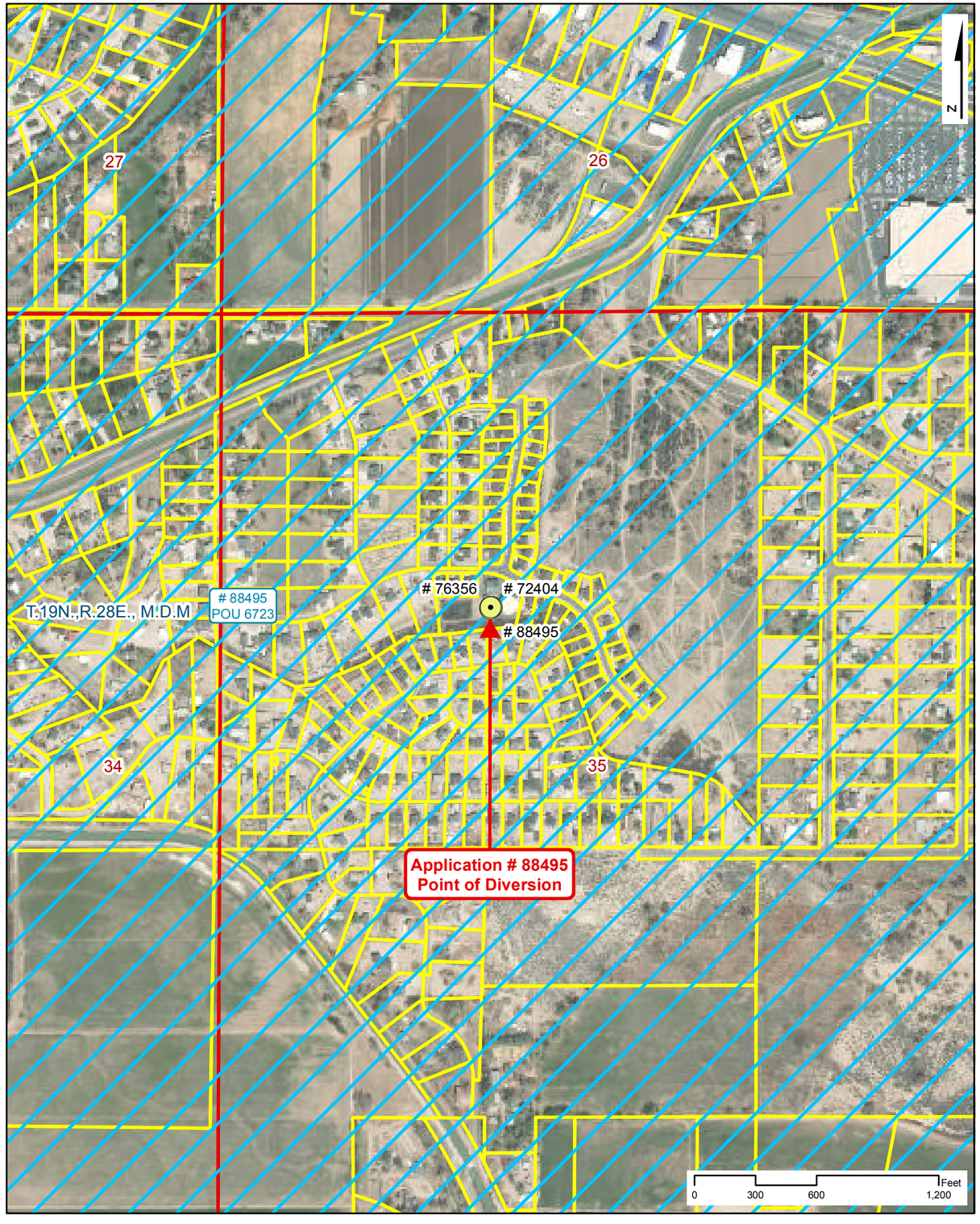
Application 88495 has gone through the noticing period and has been in RFA status with the NDWR since February 1, 2019.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

Application: 88495

BASIN: Carson Desert (101) — **COUNTY: Churchill**
LATITUDE: 39.470763 — **LONGITUDE: -118.814461**
POINT OF DIVERSION: SW1/4,NW1/4, Section 35, T.19N.,R28E., M.D.M.
PLACE OF USE (DWR Polygon ID): 6723
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Churchill County

FILING DATE: 11/26/2018
RFA DATE: 2/1/2019
STATUS: Ready for Action

USE UNITS

SOURCE DESCRIPTION: Underground
MANNER OF USE: Municipal
DIVERSION RATE: 0.5 CFS
ALLOWED DUTY: 61.070 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 010-592-32, CHURCHILL COUNTY
CHURCHILL COUNTY

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

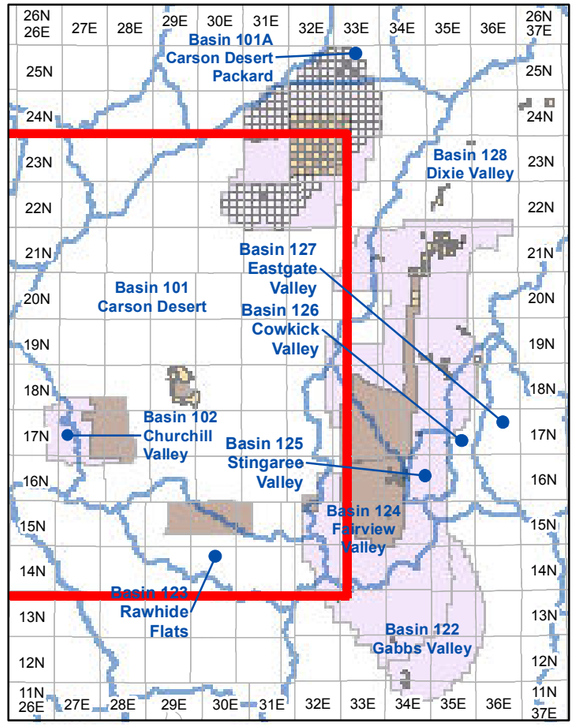
Application: 88495

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Application_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 11:10:28 AM

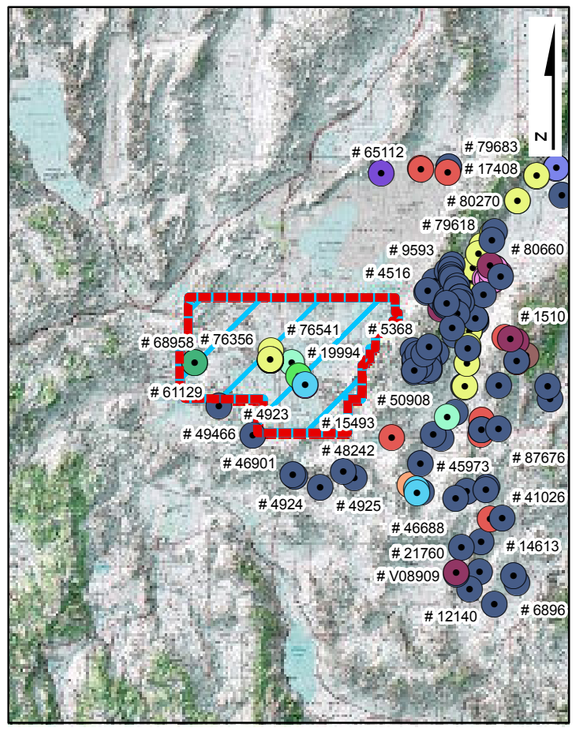
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

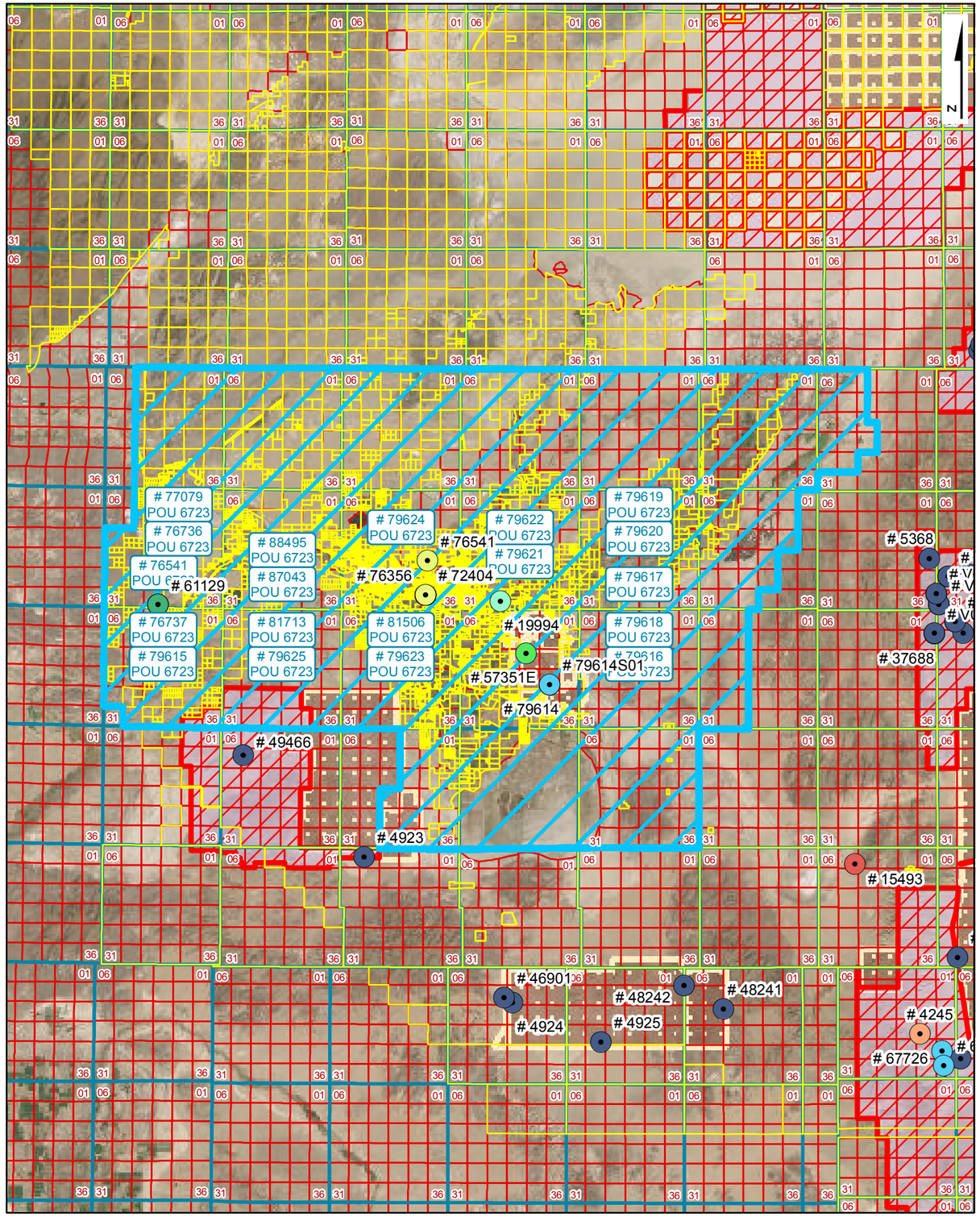
WATER RIGHT: 88495 **DWR POLYGON ID: 6723**



Township and Range Index



USGS Quadmap Site Plan Index



Place of Use Site Plan

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
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Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
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- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

WATER RIGHT: 88495
DWR POLYGON ID: 6723

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 12:05:28 PM

Application No. 88495

APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

THIS SPACE FOR OFFICE USE ONLY

Date of filing in State Engineer's Office NOV 26 2018

Returned to applicant for correction

Corrected application filed Map filed Mar. 23, 2005 Under 72404

The applicant Churchill County, a political subdivision of the State of Nevada

155 N. Taylor Street, Suite 153 (Street Address or PO Box) of Fallon (City or Town)

Nevada 89406 (State and ZIP Code) jbarbee@churchillcounty.org (E-mail Address)

hereby make(s) application for permission to change the

☑ Point of diversion ☑ Place of use ☑ Manner of use ☐ of a portion

of water heretofore appropriated under (Identify existing rights by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)

Permit 26254, Certificate 10640

RECEIVED
2018 NOV 26 PM 12:17
STATE ENGINEER'S OFFICE

1. The source of water is Underground
   Name of stream, lake, underground, spring or other sources.

2. The amount of water to be changed 0.50 cfs, NTE 61.07 AFA
   Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).

3. The water to be used for Municipal
   Irrigation, power, mining, commercial, etc. If for stock, state number and kind of animals. Must limit to one major use

4. The water heretofore used for Quasi-Municipal & Domestic
   If for stock, state number and kind of animals.

5. The water is to be diverted at the following point (Describe as being within a 40-acre subdivision of public survey and by course and distance to a found section corner. If on unsurveyed land, it should be stated.)

SW1/4 NW1/4 of Section 35, T.19N., R.28E., M.D.B.&M. or at a point from which the NW corner of said Section 35 bears N. 42 degrees 50' 39" W. a distance of 1,973.0 feet. See map accompanying Permit 72404 for PPOD at Churchill County's Sandcreek municipal well.

6. The existing point of diversion is located within (If point of diversion is not changed, do not answer.)

NE1/4 NW1/4 of Section 26, T.19N., R.28E., M.D.B.&M. or at a point from which the NW corner of said Section 26 bears S. 78 degrees 45' 50" E., a distance of 2,099.40 feet. Use map on file under 26254 for the EPOD.

8-10 CC

7. Proposed place of use (Describe by legal subdivisions. If for irrigation, state number of acres to be irrigated.)

See Exhibit A. Refer to sheet 3 of 3 map accompanying permit 76541 for the depiction of Churchill County's municipal place of use. Water under this change application will be used to satisfy the County Club Estates subdivision connected to the County municipal system.

8. Existing place of use (Describe by legal subdivisions. If changing place of use and/or manner of use of irrigation permit, describe acreage to be removed from irrigation.)

A portion of the N1/2 of the NW1/4 of Section 26, T.19N., R.28E., M.D.B.&M. See map filed under permit 26254 for the EPOU.

9. Proposed use will be from January 1 (Month and Day) to December 31 (Month and Day) of each year.

10. Existing use permitted from January 1 (Month and Day) to December 31 (Month and Day) of each year.

11. Description of proposed works. (Under the provision of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e., diversion structure, ditches, pipes and flumes or drilled well, pump and motor, etc.)

Existing Churchill County Sandcreek municipal well, treatment system, tanks, pumps & distribution system.

12. Estimated cost of works Complete

13. Estimated time required to construct works Complete
(If well completed, describe well.)

14. Estimated time required to complete the application of water to beneficial use 3 years

15. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing)

The County Club Estates subdivision is currently being served by Churchill's municipal system and this application seeks to move the Country Club Estates Water Company underground permit 26254 into the County system.

16. Miscellaneous remarks:

An ROC, abstract of title and deeds have been submitted to NDWR seeking to update ownership from Ralph T. Plimpton to Churchill County. In consultation and recommendation by Mike Randall, this application is being filed in Churchill County's name.

chris@mah2o.com
E-mail Address

775-323-1804
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Chris C. Mahannah, P.E., SWRS# 976
Type or print name clearly

Signature, applicant or agent

Mahannah & Associates, LLC
Company Name

P.O. Box 2494
Street Address or PO Box

Reno, NV 89505
City, State, ZIP Code

$240 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

88495

Exhibit "A" - Proposed Place of Use

TWN	RNG	Sections
20N	26E	1-4, E½ 5, E½ 8, 9-16, E½ 17, E½ 20, 21-28, E½ 29, E½ 32, 33-36
20N	27E	1-36
20N	28E	1-36
20N	29E	1-36
20N	30E	1-36
20N	31E	1-36
20N	32E	W½ 4, 5-8, W½ 9, W½ & S½ 16, 17-21, 29, 30
19N	26E	1-4, E½ 5, E½ 8, 9-36
19N	27E	1-36
19N	28E	1-36
19N	29E	1-36
19N	30E	1-36
19N	31E	2-11, 14-22, 27-33
18N	26E	1-30, 32-36
18N	27E	1-36
18N	28E	1-36
18N	29E	1-36
18N	30E	1-36
18N	31E	W½ 4, 5-8, W½ 9, W½ 16, 17-20, W½ 21, W½ 28, 29-32, W½ 33
17N	28E	1-3, 10-15, 21-28, 33-36
17N	29E	1-36
17N	30E	1-36

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2018 NOV 26 PM 12:17
STATE ENGINEER'S OFFICE

SECTIONS 35, T. 19N., R. 28E. , M.D.B. & M.

SHEET 1 OF 1.



N
W E
S

STATE OF NEVADA)
) SS
COUNTY OF WASHOE)

I, CHRIS C. MAHANNAH, P.E., BEING FIRST DULY SWORN, DEPOSE AND SAY THAT SITE INSPECTIONS HAVE BEEN MADE BY ME ON MARCH 1, 2005; THAT THE LOCATION OF EACH REFERENCE MONUMENT HAS BEEN VERIFIED BY SITE INSPECTION; THAT THE POINT OF DIVERSION AND PLACE OF USE SITE HAS BEEN INSPECTED; THAT THIS MAP CONSISTING OF ONE SHEET HAS BEEN DRAWN TO THE DESIGNATED SCALE; THAT THIS MAP TRULY AND CORRECTLY REPRESENTS THE LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY, NEVADA BY **CHURCHILL COUNTY** FOR **MUNICIPAL PURPOSES**. THAT THE POINT OF DIVERSION, THE APPROXIMATE LOCATION AND SIZE OF THE DIVERTING CHANNEL OR OTHER CONDUIT AND THE LOCATION AND NAMES OF ALL OTHER WORKS OR STREAMS WHICH ARE CROSSED BY, OR CONNECTED WITH THE SAID WORKS, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

REGISTERED ENGINEER · STATE OF NEVADA · CHRIS C. MAHANNAH · CIVIL · No. 10985

3/23/05

CHRIS C. MAHANNAH, P.E., S.W.R.S. #976

SUBSCRIBED AND SWORN TO BEFORE ME THIS 23rd DAY OF March, 2005.

Bonnie Kordonowy

BONNIE KORDONOWY
NOTARY PUBLIC - NEVADA
Appt. Recorded in LYON CO.
No 94-3648-12 My Appt. Exp. July 16, 2006

NOTARY PUBLIC IN AND FOR Lyon COUNTY, NEVADA

MY COMMISSION EXPIRES: July 16, 2006.

BASE MAPS:
6 INCH RESOLUTION AERIAL
PHOTOGRAPHS ACQUIRED MAY, 2002

BASIS OF BEARING

EAST ALONG THE NORTH LINE OF NW 1/4 OF SECTION 35, T.19N., R.28E., M.D.B.&M. AS PER BLM PLAT

0 250 500 1,000 1,500 2,000 Feet

SCALE: 1 inch equals 400 '

NOTE: FOR PROPOSED PLACE OF USE, SEE MAP FILED UNDER SHEET 2 OF 2 OF APPLICATION 49200

76356 CERTIFICATE NO. 21375 ISSUED 5-22-2019
76736 CERTIFICATE NO. 21376 ISSUED 5-22-2019
76737 CERTIFICATE NO. 21377 ISSUED 5-22-2019

WRDD WATER RESEARCH & DEVELOPMENT, INC.
P.O. BOX 5007 * RENO, NV 89513-5007 * (775) 747-1100
ENGINEERING * HYDROLOGY * ENVIRONMENT * AGRICULTURE

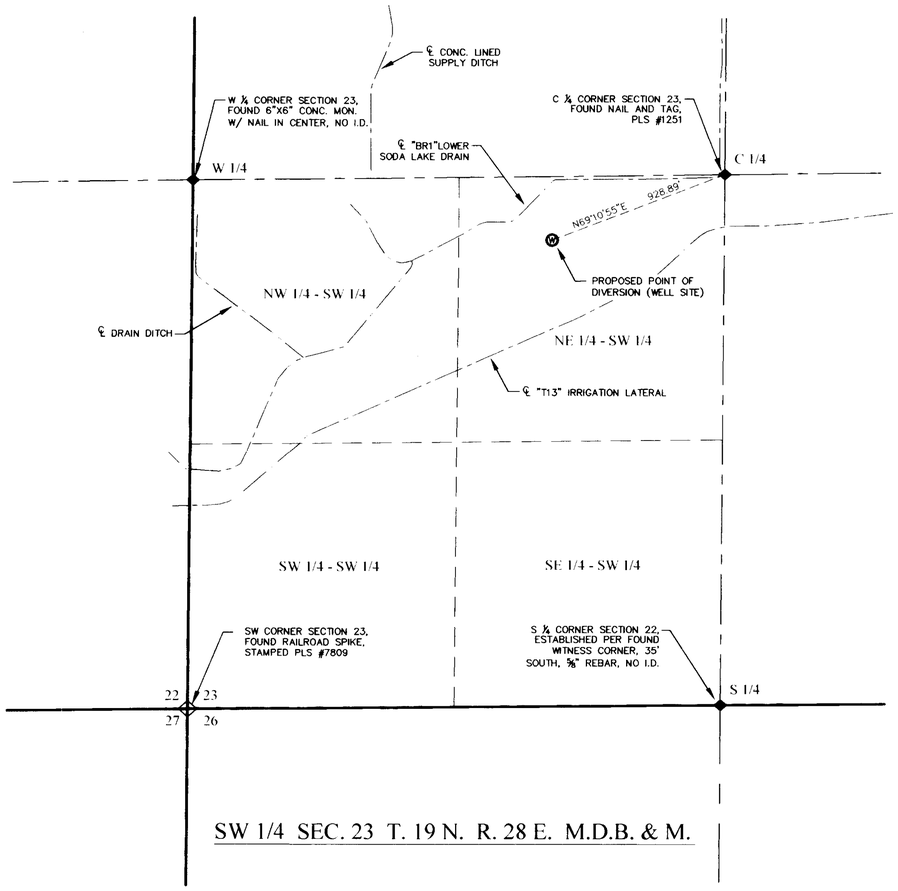
STATE ENGINEER'S USE

FILED
MAR 23 2005
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO CHANGE THE POINT OF DIVERSION, PLACE OF USE AND MANNER OF USE OF
A PORTION OF PERMIT 60109, CERTIFICATE 15967
FOR:
MUNICIPAL PURPOSES
BY:
CHURCHILL COUNTY
FROM:
AN UNDERGROUND SOURCE

CHURCHILL COUNTY, NEVADA

88495
87043
86358
86359T
83812
83225
81713
81506
80349 80516 78687 78686 78668 77079 77064 77063 76737 76736 76356 73695 73003 73002 73001 73000 72404



SW 1/4 SEC. 23 T. 19 N. R. 28 E. M.D.B. & M.

STATE OF NEVADA
COUNTY OF CHURCHILL } S.S.

I, ERIK K. LEE, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE BY ME ON THE *17th* DAY OF *DECEMBER* 2007. THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY BY DONALD D. CARBAUGH AND DIANN CARBAUGH, FOR MUNICIPAL PURPOSES. THAT THE PROPOSED POINT OF DIVERSION AND THE BOUNDARY OF ALL LANDS, SHOWING BY 40 ACRE SUBDIVISIONS, ARE FULLY AND CORRECTLY DESIGNATED THEREON.

Erik K. Lee — 12-19-07

STATE WATER RIGHT SURVEYOR — DATE
CERTIFICATE NO. 1169

PROFESSIONAL ENGINEER - STATE OF NEVADA
ERIK K. LEE
Exp: 12/31/07
CIVIL
No. 17078

SUBSCRIBED AND SWORN TO BEFORE ME

THIS 19th DAY OF December, 2007.

NOTARY PUBLIC

NOTARY PUBLIC IN AND FOR CHURCHILL COUNTY, NEVADA

MY COMMISSION EXPIRES April 9th, 2010

MELISSA K. MAIDENS
Notary Public State of Nevada
Appointment Recorded in Churchill County
No. 02-74751-4 Expires April 9, 2010

LEGEND

- PROPOSED WELL
- RANGE BOUNDARY
- SECTION BOUNDARY
- 1/4 SECTION BOUNDARY
- 1/16 SECTION BOUNDARY
- FOUND SECTION CORNER
- FOUND 1/4 CORNER

BASIS OF BEARING

NORTH AMERICAN DATUM OF 1983/94 (NAD83/94), NEVADA STATE PLANE WEST ZONE. AS DETERMINED WITH REAL TIME KINEMATIC (RTK) GPS OBSERVATIONS, OBSERVED ON DECEMBER 17, 2007, USING TRIMBLE 5800 RECEIVER WITH CORRECTIONS FROM THE NEVADA DEPARTMENT OF TRANSPORTATION "FLN1" CONTINUOUSLY OPERATING REFERENCE STATION (CORS), BEING APART OF THE NORTHERN NEVADA REGIONAL MAPPING NETWORK. MODIFIED BY A COMBINATION FACTOR OF 1.000269448 AND CONVERTED TO THE U.S. SURVEY FOOT. ALL DIMENSIONS ARE GROUND DISTANCES.

GRAPHIC SCALE
400 0 200 400 800
(IN FEET)
1 inch = 400 ft.

N

TRC

Planners - Engineers - Surveyors

RENO OFFICE:
4875 LONGLEY LANE, SUITE 100
RENO, NEVADA 89502
PHONE (775) 322-3064
FAX (775) 322-3795

FALLON OFFICE:
2260 RENO HIGHWAY, SUITE C
FALLON, NEVADA 89406
PHONE (775) 423-4053
FAX (775) 423-4345

STATE ENGINEER'S USE

76541

REC
12-28-07
Consists of 3 sheets
Sheet #1 Proposed POD by Erik Lee
- Sheet #2 Existing POD and POU by Chris Mahannah
Sheet #3 Proposed POU by Chris Mahannah

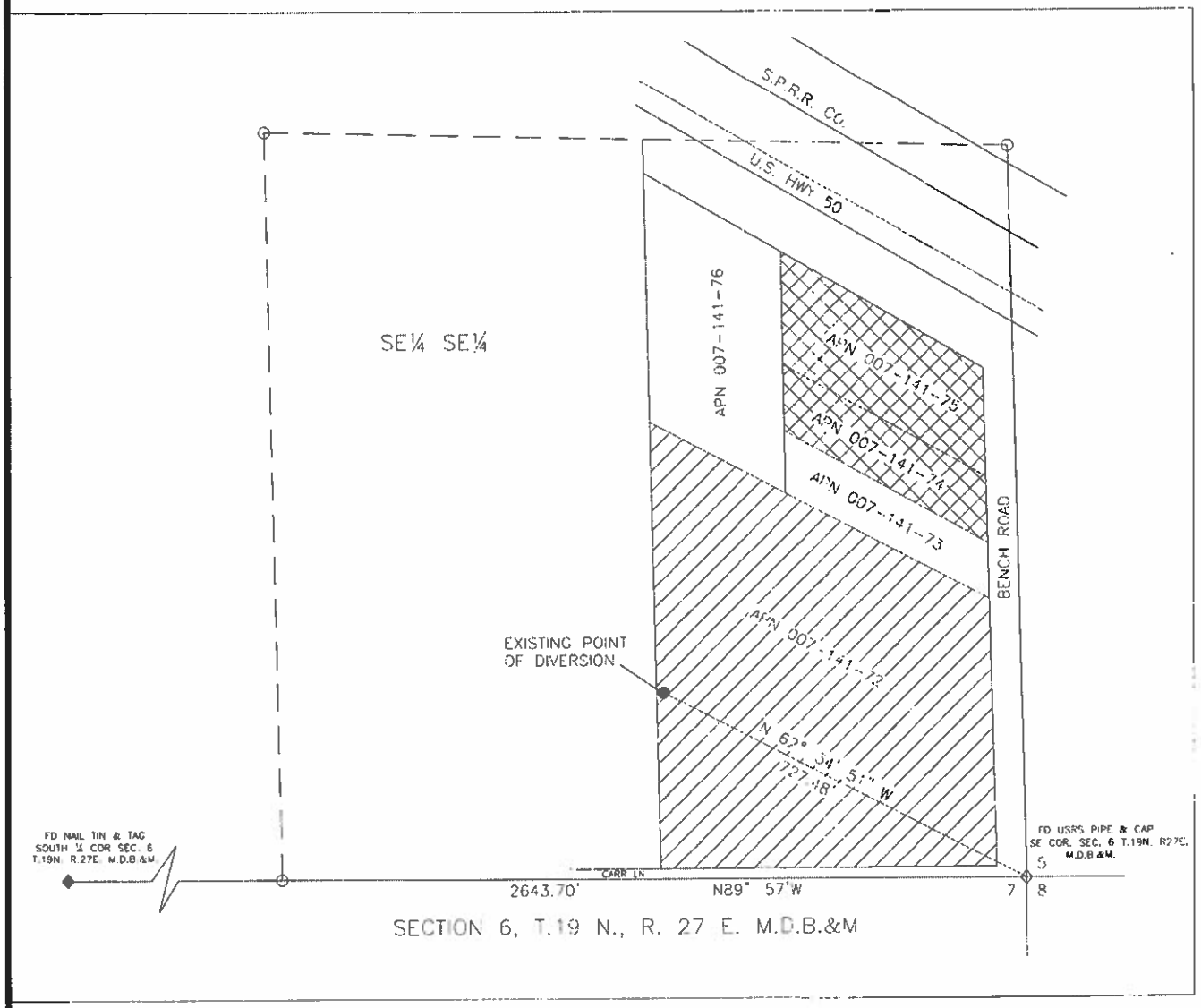
FILED
DEC 28 2007
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO CHANGE POINT OF DIVERSION, PLACE OF USE, AND MANNER OF USE, OF A PORTION OF PERMIT NO. 31187, CERTIFICATE NO. 10707, FOR MUNICIPAL PURPOSES

(S)

FOR: MUNICIPAL
BY: DONALD D. CARBAUGH AND DIANN CARBAUGH
FROM: AN UNDERGROUND SOURCE
IN: CHURCHILL COUNTY, NEVADA

76541



STATE OF NEVADA
COUNTY OF WASHOE } SS

I, CHRIS C. MAHANNAH, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS APPLICATION STRIPPING MAP AND PROPOSED PLACE OF USE, CONSISTING OF TWO SHEETS, NUMBERED SHEET 1 OF 2 & SHEET 2 OF 2, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM SURVEYING CALCULATION NOTES PREPARED BY ME, OR UNDER MY SUPERVISION AND DIRECTION RELYING UPON ANALYSIS OF RECORDED SURVEY MAPS AND OTHER RECORDED SURVEYING DOCUMENTS IN THE OFFICE OF THE STATE ENGINEER, THAT IT TRULY AND CORRECTLY REPRESENTS: AREAS BEING REMOVED FROM IRRIGATION UNDER A PORTION OF PERMIT 31187, CERTIFICATE 10707, THE EXISTING POINT OF DIVERSION AND THE PROPOSED POINT OF USE FROM AN UNDERGROUND SOURCE IN CHURCHILL COUNTY, NEVADA BY DONALD D. & DIANN CARRBAUGH FOR MUNICIPAL PURPOSES.

12/19/07

CHRIS C. MAHANNAH P.E. NO. 9975 DATE

Exp 12/31/07

SUBSCRIBED AND SWORN TO BE BEFORE ME THIS 19 DAY OF December 2007 NOTARY PUBLIC IN AND FOR WASHOE COUNTY, NEVADA.

MY COMMISSION EXPIRES: April 19, 2010

Brittni Christiansen
NOTARY PUBLIC

BASIS OF BEARING
N89° 57' W ON THE SOUTH LINE
SECTION 6, T.19N. R.27E. M.D.B.&M

NOTES:

1. SHEET 1 OF 2 IS BASED ON PROOF OF BENEFICIAL USE MAP ON FILE AT THE DIVISION OF WATER RESOURCES UNDER PERMIT 31187.
2. MAP SUPPORTING PROPOSED POINT OF DIVERSION WILL BE PREPARED BY ERIC LEE, SWRS #1169 OF TRC SOLUTIONS, 2250 RENO HWY., SUITE C, FALLON, NV 89406

(IN FEET)
1 INCH=100 FEET

LEGEND :

8.60 ACRES STRIPPED UNDER PERMIT 66422

2.58 ACRES TO BE STRIPPED UNDER THIS APPLICATION*

*APN's 007-141-74 & 007-141-75 total 2.67 ac. Refer to notes and proportionment calculations on colored PBU map & letter dated 5/4/04 in permit file 31187 which reduced water righted acres on these two APN's from 2.67 to 2.58 acres

MAHANNAH & ASSOCIATES, LLC
P.O. BOX 2494
Reno, NV 89505
(775) 323-1504

STATE ENGINEER'S USE

Consists of 3 sheets
Sheet #1 Proposed PCD by Erik Lee
Sheet #2 Existing PCD and PCD by Chris Mahannah
Sheet #3 Proposed PCD by Chris Mahannah

FILED DEC 28 2007

STRIPPING MAP TO ACCOMPANY APPLICATION TO CHANGE THE POINT OF DIVERSION, PLACE OF USE & MANNER OF USE OF A PORTION OF PERMIT 31187, CERTIFICATE 10707 FROM IRRIGATION TO MUNICIPAL USE

BY : DONALD D. CARBAUGH & DIANN CARBBAUGH

FROM : AN UNDERGROUND SOURCE

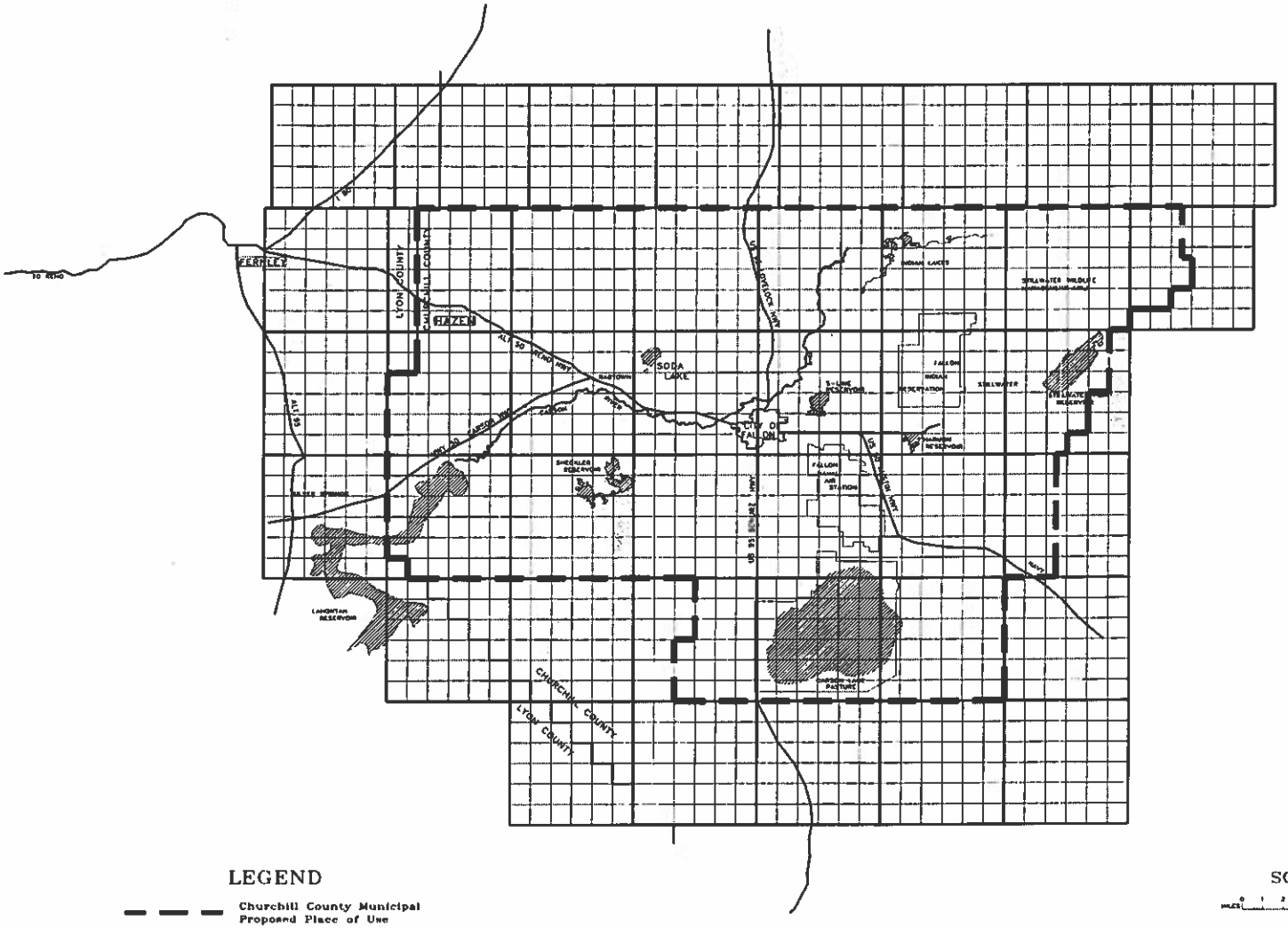
IN : CHURCHILL COUNTY, NV

76541

SHEET 2 OF 2

R23E | R24E | R25E | R26E | R27E | R28E | R29E | R30E | R31E | R32E

T22N | T21N | T20N | T19N | T18N | T17N | T16N | T15N



LEGEND

Churchill County Municipal Proposed Place of Use

N

SCALE

MILES 0 1 2 3 4 5 6

MAHANNAH & ASSOCIATES, LLC
P.O. BOX 2494
RENO, Nv 89505
(775) 323-1804

STATE ENGINEER'S USE

REC.
11-19-07
Consists of 3 sheets
Sheet #1 Prepared POD by Kirk Lee.
Sheet #2 Existing POD and POU by Chris Mahannah
Sheet #3 Proposed POU by Chris Mahannah

FILED
NOV 28 2007
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO CHANGE THE POINT OF DIVERSION, PLACE OF USE & MANNER OF USE OF A PORTION OF PERMIT 31187, CERTIFICATE 10707 FROM IRRIGATION TO MUNICIPAL USE

BY: DONALD D. CARBAUGH & DIANN CARBAUGH

FROM: AN UNDERGROUND SOURCE

IN: CHURCHILL COUNTY, NV

81713
81506
80349
79627
79626 79625 79624 79623 79622 79621 79620 79619 79618 79617 79616 79615 78687 78686 78668 77079 76737 76736 76541

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: 88495
Status: READY FOR ACTION
Certificate: None

General Maps & Due Dates Place of Use Abrogations/Protests/Rulings Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CHURCHILL COUNTY	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
CHURCHILL COUNTY

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V02184

BASIN: Fairview Valley (124) **COUNTY:** Churchill

LATITUDE: 39.138908 **LONGITUDE:** -118.092836

OWNERSHIP:	Geoge B. Williams Land & Livestock Co.
PRIORITY DATE:	January 1, 1890
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	SE¼NE¼ Section 25, T.15N., R.34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	2000-6000 sheep
PLACE OF USE:	SE¼NE¼ Section 25, T.15N., R.34E., M.D.M.
DIVERSION RATE:	cfs
ALLOWED DUTY:	26.88 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Indian Spring

POD PARCEL:	Churchill County APN 002-311-02
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 002-311-02
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

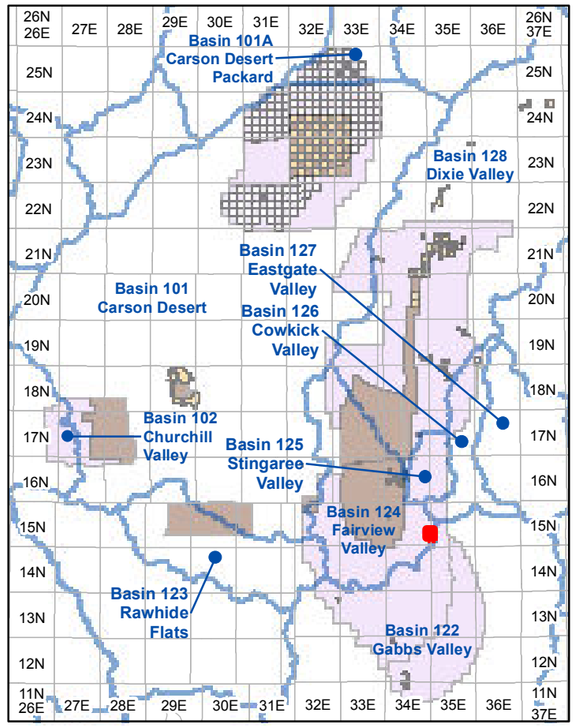
Vested Right V02184

The current owner of Vested Right V02184 is Geoge B. Williams Land & Livestock Co. The vested right was filed in the office of the State Engineer on March 30, 1928. It has a priority date of January 1, 1890 and a total duty of 26.88 acre-feet annually permitted for stock-watering purposes. The allowed period of use is from January 1 through December 31.

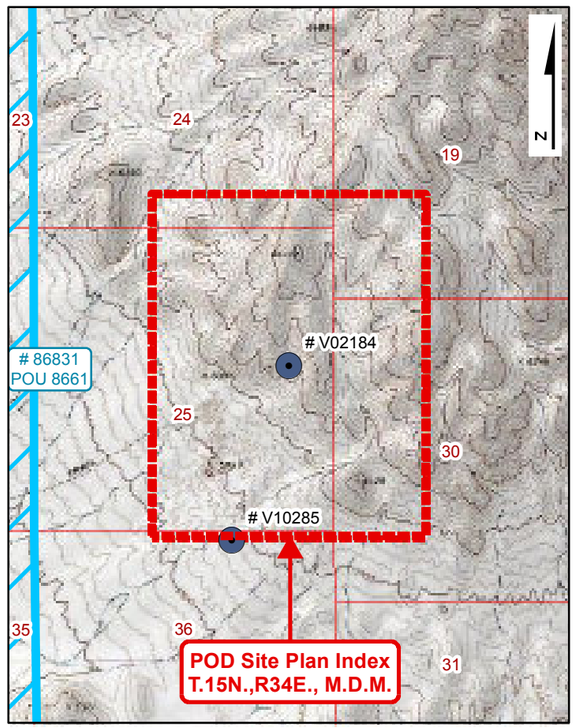
The point of diversion is located within the SE¼NE¼ Section 25, Township 15N, Range 34E, MDM. The permitted place of use is in the Fairview Valley Basin within Churchill County APN 002-311-02 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
SE	NE	25	15N	34E	2000-6000 sheep

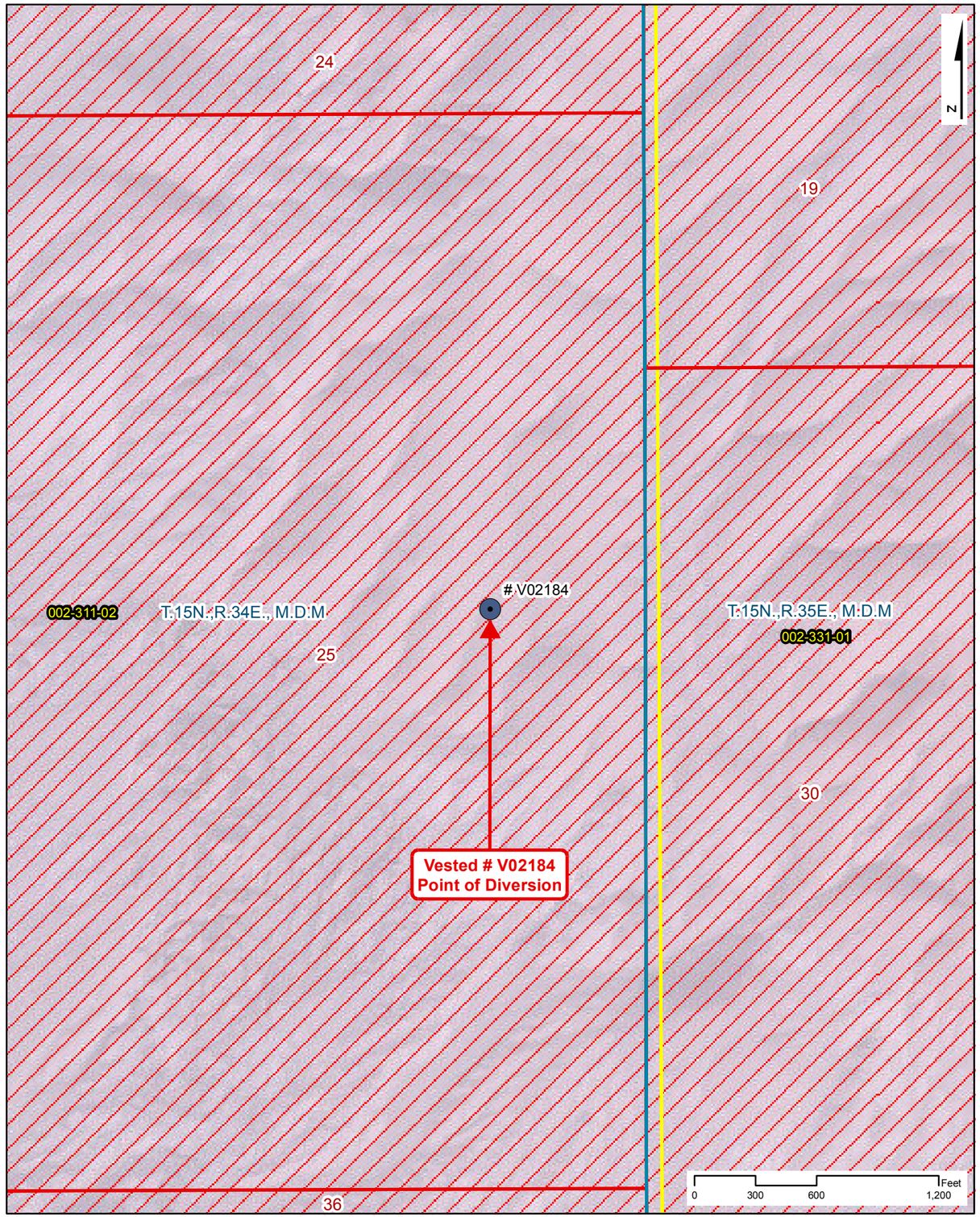
Vested Right V02184 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V02184

BASIN: Fairview Valley (124) — **COUNTY: Churchill**
LATITUDE: 39.138908 — **LONGITUDE: -118.092836**
POINT OF DIVERSION: SE1/4,NE1/4, Section 25, T.15N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Geoge B. Williams Land & Livestock Co.

PRIORITY DATE: 1/1/1890
FILING DATE: 3/31/1928
STATUS: Vested

USE UNITS

2000 to 6000 Sheep

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: CFS
ALLOWED DUTY: 26.880 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 002-311-02, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V02184

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 10:46:06 AM

02184

THE STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING PURPOSES

From INDIAN SPRING
Name of natural water course

Through Natural Channel
Name of ditch, pipe line, etc.

GEORGE B. WILLIAMS, the undersigned, being first duly sworn, deposes and says that the statements herein contained relative to the appropriation of water by him are full and correct to the best of his knowledge and belief.

If proof is not made by claimant, deponent should state on this line by virtue of what authority he represents the claimant

(1) Name of claimant George B. Williams
Address Fallon, County of Churchill,
State of Nevada

(2) The means of diversion employed is Dam
Dam and ditch, pipe line, flume, etc.

(3) The water is impounded in Reservoir
Troughs, reservoirs, tanks, etc.

(4) The construction of the ditch or other works was begun 1890
and completed 1890

(5) The nature of the claimant's title to the land upon which the works are located is
Unsurveyed Public Land.

(6) The claimant's water right ~~was~~ (was not) recorded in the office of the County Recorder of
County, at Page of Book of

(7) The approximate number of animals watered by the claimant during the first year was,
and said watering was conducted for an approximate period of days during each of the following months. Since the year 1890, claimant has watered from 2000 to 6000 head of sheep at this source, and proposes to continue such watering.

(8) The approximate number of animals watered by claimant in subsequent years was as follows:

The number of livestock watered by claimant in the past and which he proposes to water in the future at this source, have been and will be in such numbers as to utilize substantially all that portion of the public range readily available to livestock watering at said source.

(9) The amount of water which it has been necessary to divert for the said purpose has been .....cubic feet per second.

40 miners inches equals 1 cubic foot per second

(10) The water is diverted from its source at As indicated under remarks. feet from
True bearing to nearest 5 minutes distance

the .....corner of Section....., T....., R.....E.,

Mount Diablo Base and Meridian.

NOTE—Information under (10) must invariably be given when a public corner is within 6 miles, unless the State Engineer consents to some other form of description.

(11) The works are located at Approximately SE¼NE¼ Sec.25,T15N.R34E.,M.D.B.& M.
Describe as within a 40-acre subdivision of public survey or by a tie in same manner as under (10)
Unsurveyed.

Remarks: The dam for impounding water is about 12 ft. high and 40 ft. long. The reservoir when full is about 100 ft. in diameter. The dam is of earth against a hand placed rock wall.

This dam is said to have been built by indians at an indefinite period, but since 1890 claimant has kept int in repair and has used the water impounded for watering his livestock. The spring is in the bed of the reservoir, but the principal supply of water comes from run-off of precipitation from the exposed bedrock drainage area above the dam.

The reservoir is located in some low rock buttes on the east edge of Bell Flat in Churchill County, Nevada.

Remarks: From a point on the dam, about its center:-

Buffalo Peak bears	N.87°42'E.
Lodi Peak(near Illinois Mine) bears	S.45°53'E.
Fairview Peak bears	N.24°04'W.
Mt. Anna bears	S.11°57'W.

George B Williams

Subscribed and sworn to before me this 30th day of March, 1928

Eli Cann

Notary Public in and for the County of Churchill Nevada

My commission expires July 8, 1928

This part of form to be left blank by claimant

Filing Serial No. 02484

STATE OF NEVADA

Proof of Appropriation of
Water for Stock Purposes

Water Source.....

Through.....

Claimant.....

Filed in State Engineer's Office on

....., 192....

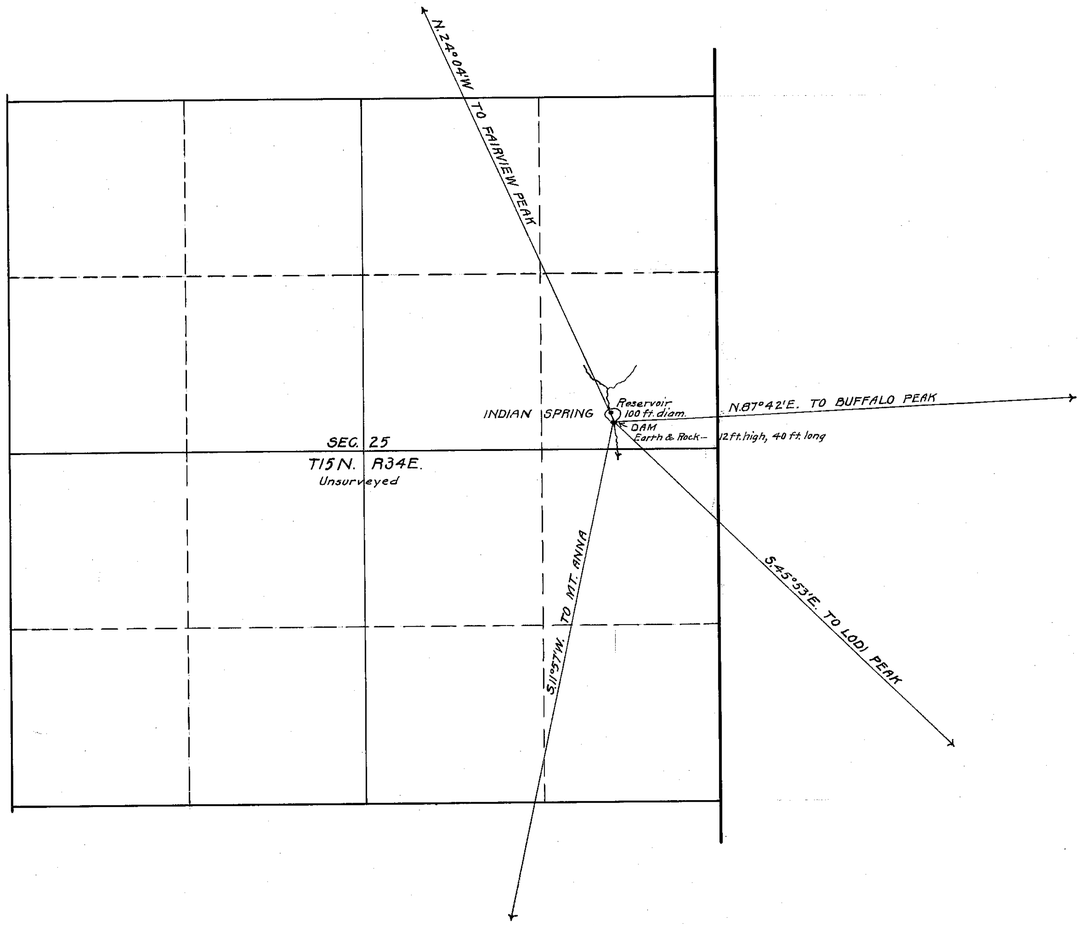
.....
State Engineer.

Certificate No.....issued hereunder

....., 192....

Form Aa 500—5-12-25

OFFICE
STATE ENGINEER
MAR 31 '28
RECEIVED
A.N.S.



State of Nevada, } S.S.
County of Washoe }

I, C.V. Taylor, being first duly sworn, depose and say; that the above map is a true and accurate plat of the stock watering works of George B. Williams, as taken from the field notes of a survey made by me, completed on the 24th day of February, 1928; that the map and survey were made at the instance of George B. Williams, owner of said works, and that it truly represents the stock watering works of said George B. Williams.

C.V. Taylor.
State Water Right Surveyor.

Subscribed and sworn to before me,
this 2nd day of March, 1928.

Notary Public in and for Washoe County, Nevada.

0 600 1200 1800 2400 FT.

MAP
To Accompany Proof of Appropriation For Stock Watering By
George B. Williams From Indian Spring
CHURCHILL COUNTY, NEVADA

SCALE 1 IN. = 600 FT.

FILED
March 6, 1928
CKMc

02184



Site Search

Permit Information

New Search

App/Permit: V02184
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
GEORGE B WILLIAMS LAND & LIVESTOCK C	C	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
WILLIAMS, GEORGE B.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V03204

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.465951 **LONGITUDE:** -118.287655

OWNERSHIP:	Kent, Ira H. and Nina K.
PRIORITY DATE:	1/1/1905
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NE¼SW¼ Section 33, T.19N., R.33E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	1000 cattle or 5000 sheep
PLACE OF USE:	NE¼SW¼ Section 33, T.19N., R.33E., M.D.M.
DIVERSION RATE:	0.002 cfs
ALLOWED DUTY:	1.63 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Burnt Cabin Spring

POD PARCEL:	Churchill County APN 003-231-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-231-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

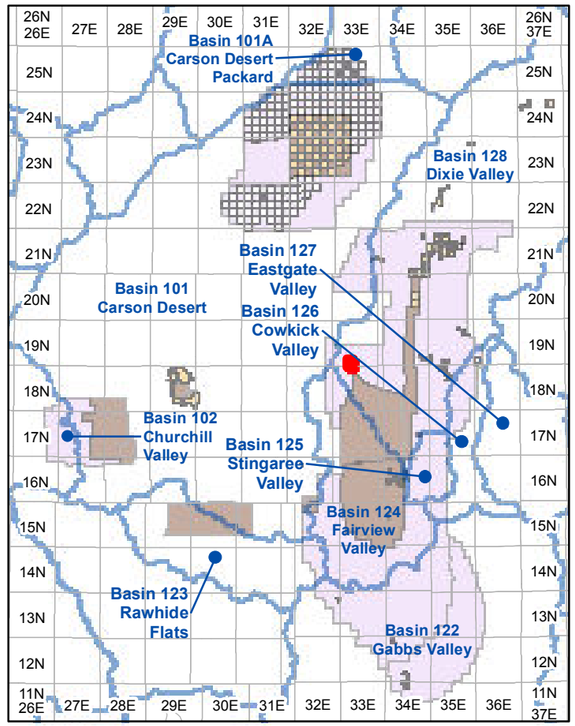
Vested Right V03204

The current owner of Vested Right V03204 is Ira H. and Nina K. Kent. The vested right was filed in the office of the State Engineer on August 7, 1979. It has a priority date of January 01, 1905 and a total duty of 1.63 acre-feet annually with an allowed diversion rate of 0.002 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

The point of diversion is located within the NE¼SW¼ Section 33, Township 19N, Range 33E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-231-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

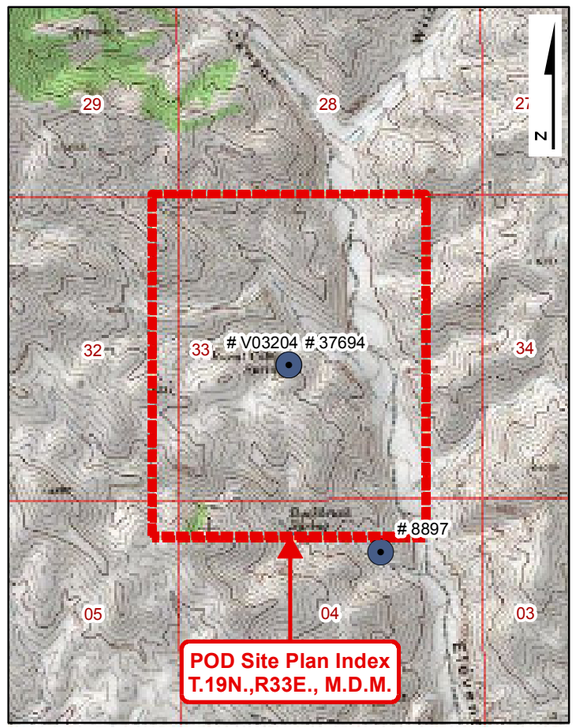
QQ	Q	Section	Township	Range	Units
		33	19N	33E	1000 cattle or 5000 sheep

Vested Right V03204 is currently in good standing with the NDWR with no further action required.



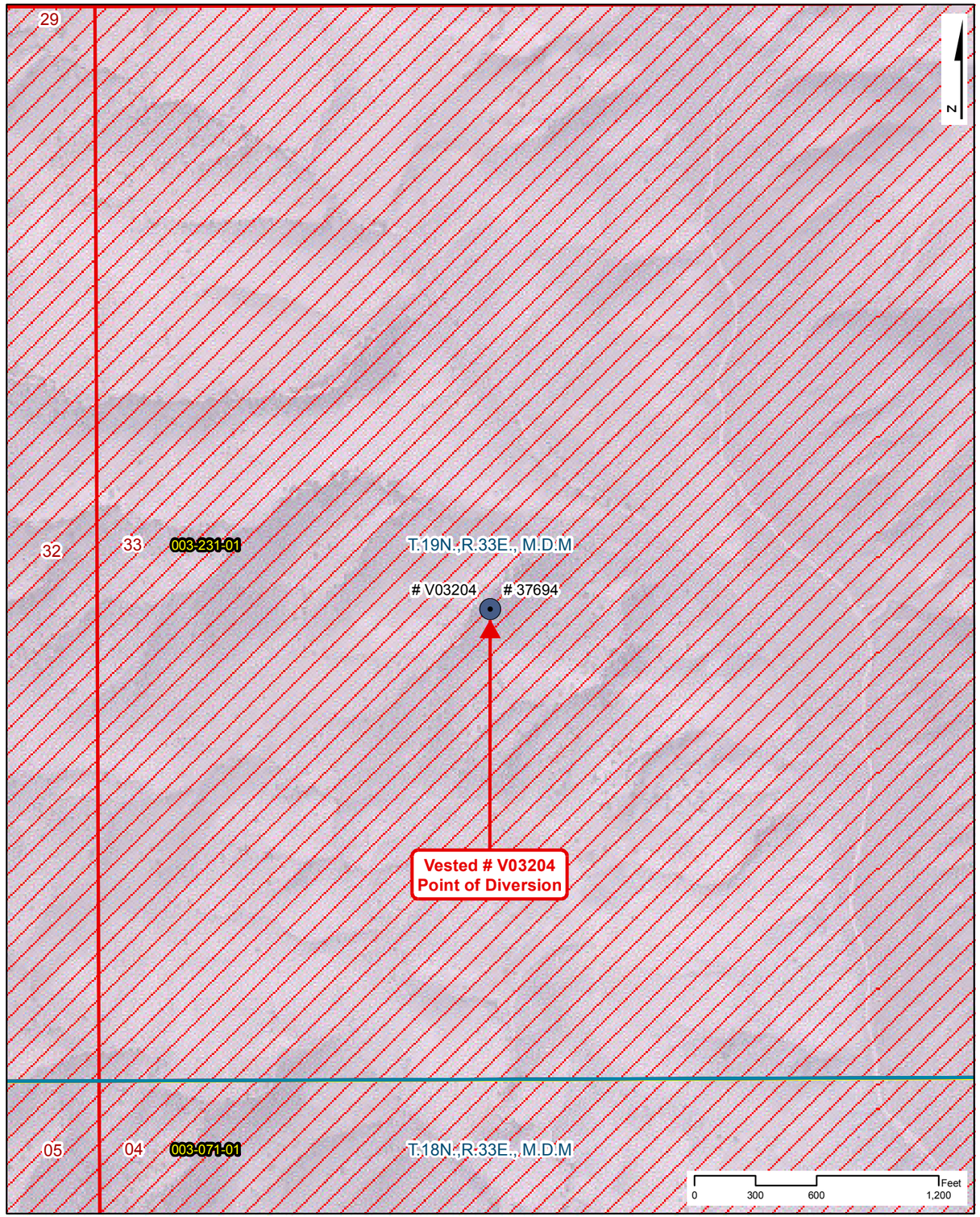
Township and Range Index

Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index

Scale: 1" = 1/2 Mile



Point of Diversion Site Plan

Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V03204

BASIN: Dixie Valley (128) — **COUNTY: Churchill**

LATITUDE: 39.465951 — **LONGITUDE: -118.287655**

POINT OF DIVERSION: NE1/4,SW1/4, Section 33, T.19N.,R33E., M.D.M.

PLACE OF USE (DWR Polygon ID): N/A

PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Kent, Ira H. and Nina K.

PRIORITY DATE: 1/1/1905

FILING DATE: 8/7/1979

STATUS: Vested

USE UNITS

1000 Cattle or 5000 Sheep

SOURCE DESCRIPTION: Spring

MANNER OF USE: Stock-Watering

DIVERSION RATE: 0.002 CFS

ALLOWED DUTY: 1.630 AFA

PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-231-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V03204

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 10:46:08 AM

Serial No. 03204

THE STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING PURPOSES

(1) Name of claimant Ira H. and Nina K. Kent

13333 Stillwater Road (Street and No. or P.O. Box No.) of FAllon (City or town)

Nevada 89406 (State and Zip Code No.)

(2) Source of water Burnt Cabin Spring (Name of natural water source.)

(3) The water is diverted by Spring Box with 75 feet of 1¼ inch pipe to one stock water trough (Dam, ditch, pipe line, natural channel, spring area, etc.)

(4) The water is diverted at the following point(s) NE¼ SW¼ Section 33, T19N, R33E, M.D.M. (unsurveyed) or at a point from which the northwest corner of Section 31, T19N, R34E, M.D.M., bears N 81° 16' E, 23,030 feet, distant. (Calculated from geological survey map.)

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such reach.

(5) The water is impounded in stock water troughs (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun prior to 1905 (Date) and completed ..... (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is public domain with garzing permit (Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right ~~was~~ (was not) recorded in the office of the County Recorder of .....County, at Page.....of Book.....of.....

NOTE—Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

(9) The approximate number of animals watered by the claimant during the first year 1905 (Date), ± was 1000 cattle or ~~horses~~ 5000 sheep or ..... (Other). The watering was conducted during each of the following months

all year except the range is closed through part of October and November

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:

1905 to 1918 1000 cattle

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

1918 - 1941 5000 sheep 150 cattle

1941 - 1943 Range closed for aerial gunnery practice

1943 - 1979 600 to 900 cattle

(11) The amount of water which has been necessary to be diverted for this purpose has been

0.00223 cubic feet per second.

448.83 gal. per min. equals 1 cubic foot per second.

(12) The works are located at Section 33, T19N, R33E, M.D.M. (Unsurveyed)

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks

Remarks.....

.....

.....

.....

.....

.....

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by.....

are full and correct to the best of his knowledge and belief.

.....

If proof is not made by claimant, deponent should state on this line by virtue of what authority he represents the claimant.

.....

Ira W Hunt

.....

Claimant

Ira W. Hunt

By Ira W Hunt

13333 Stillwater Road

Street and No., or P.O. Box No.

Fallon, Nevada 89406

City, State, Zip Code No.

Subscribed and sworn to before me this 18th day of July, 19 79.

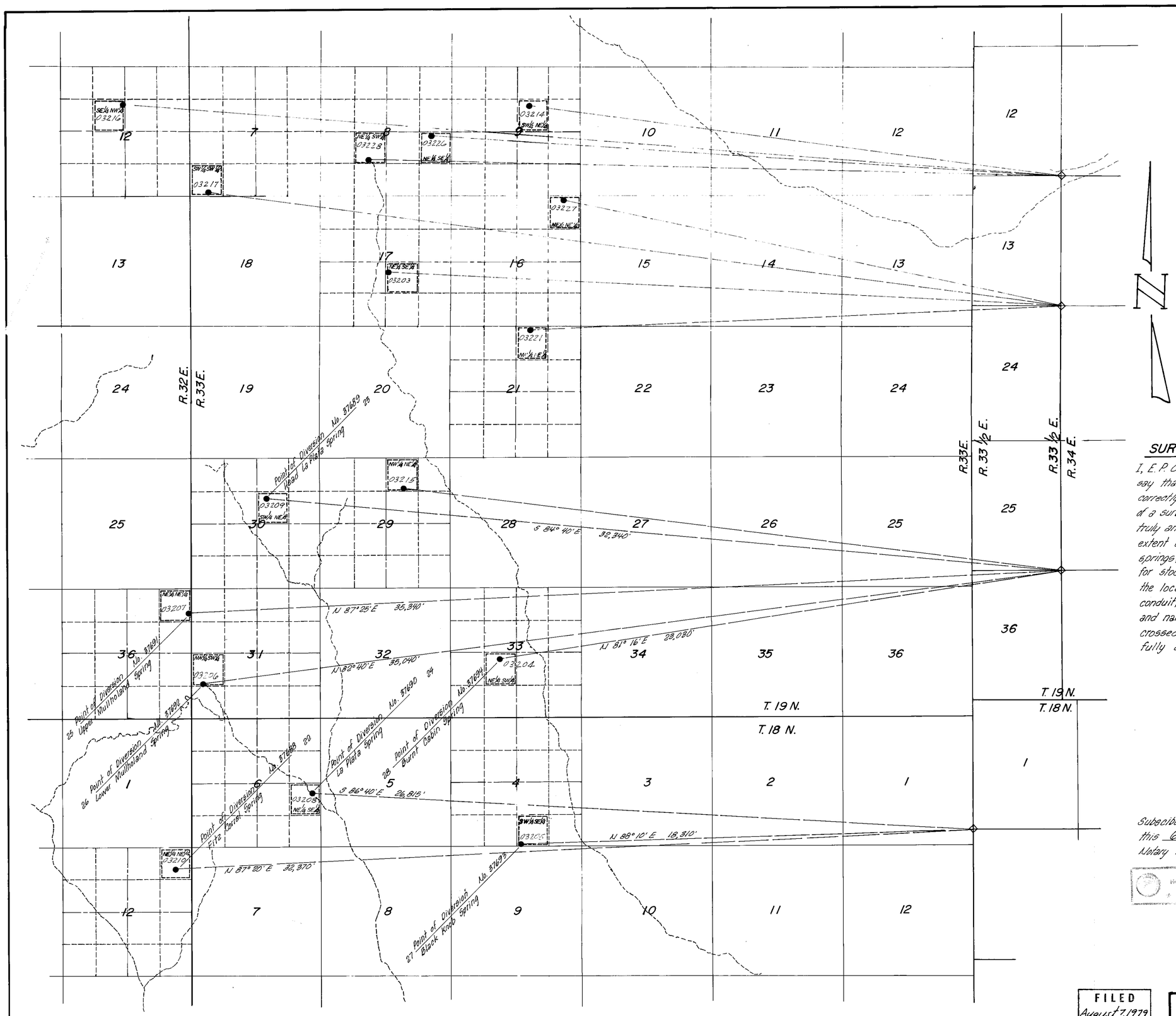
Vee Ann Fiedrich

Notary Public in and for the County of Washoe

My commission expires May 27, 1981

VEE ANN FIEDRICH
Notary Public — State of Nevada
Washoe County
My Commission expires May 27, 1981

$10 FILING FEE MUST ACCOMPANY PROOF



SCALE 1" = 2000'

Basis of Bearings: Calculated from Nevada Protraction Diagram by the Bureau of Land Management.

SURVEYOR'S CERTIFICATE:

I, E. P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey made by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood Jr.

E. P. Osgood, Jr. St. Wtr. Rt. Surveyor No. 294

Subscibed and sworn to before me this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARVIN HAMRICK
Notary Public - State of Nevada
Washoe County
My Commission expires May 5, 1981

Marvin Hamrick
Notary Public

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

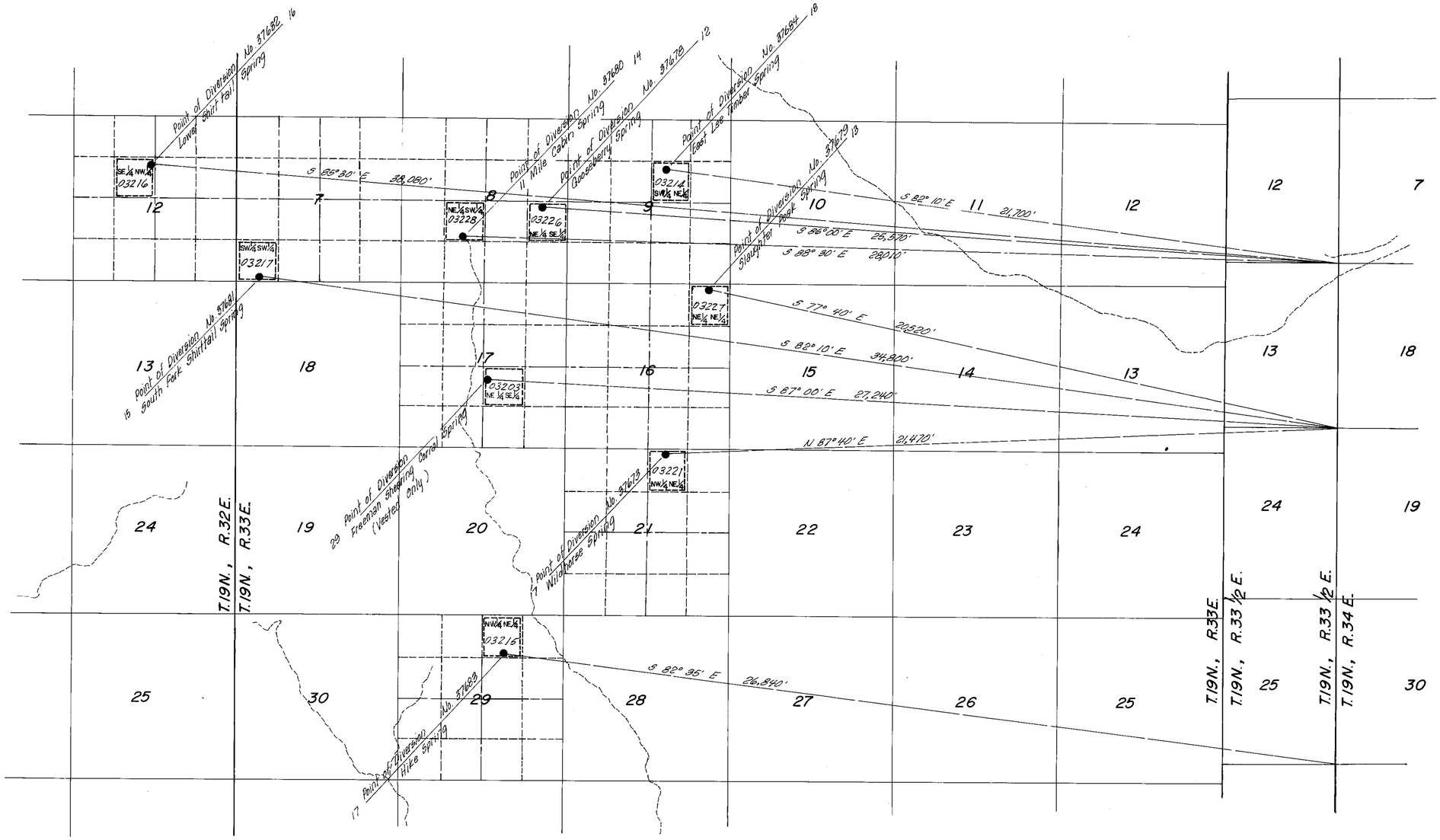
OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 50

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR STOCKWATERING
BY
IRA H. & NINA K. KENT

CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217

03216, 03215, 03214, 03210, 03209, 03208, 03207, 03206, 03205, 03204, 03203 Filed Under



SURVEYOR'S CERTIFICATE:

I, E.P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey performed by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent and Silver Range Ranch for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood, Jr.
E. P. Osgood, Jr.
State Water Right Surveyor No. 294

Subscribed and sworn to before me
this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARTIN HAMWICK
Notary Public - State of Nevada
Washoe County
My Commission expires: May 6, 1981

Wpaum Hamwick
Notary Public

OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 51

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR
STOCKWATERING
BY
IRA H. & NINA K. KENT
AND SILVER RANGE RANCH
CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217, 03216, 03215, 03214, 03203 — Filed Under

State of Nevada
Division of Water Resources



Site Search

Permit Information

New Search

App/Permit: V03204
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
KENT, IRA H.	B	0	0	0				
KENT, NINA K.	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
KENT, IRA H.
KENT, NINA K.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V03205

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.445505 **LONGITUDE:** -118.284267

OWNERSHIP:	Kent, Ira H. and Nina K.
PRIORITY DATE:	1/1/1905
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	SW¼SE¼ Section 4, T.18N., R.33E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	1000 cattle or 5000 sheep
PLACE OF USE:	SW¼SE¼ Section 4, T.18N., R.33E., M.D.M.
DIVERSION RATE:	0.0089 cfs
ALLOWED DUTY:	6.44 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Black Nob Spring

POD PARCEL:	Churchill County APN 003-071-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-071-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

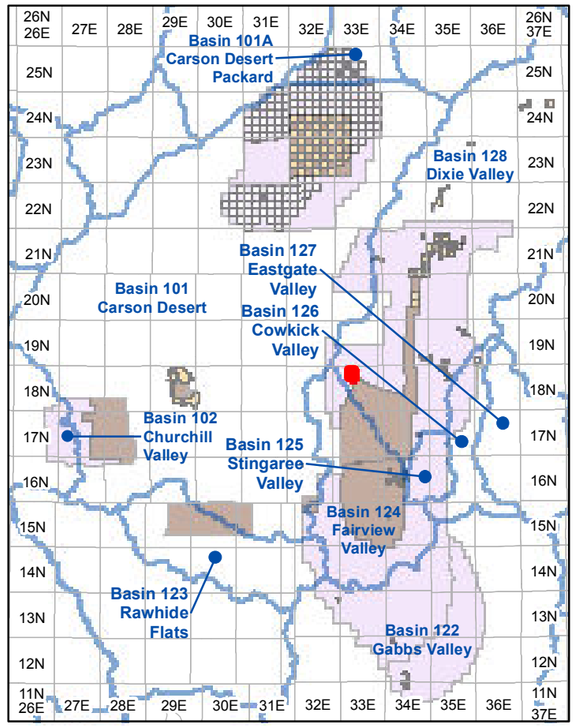
Vested Right V03205

The current owner of Vested Right V03205 is Ira H. and Nina K. Kent. The vested right was filed in the office of the State Engineer on August 7, 1979. It has a priority date of January 01, 1905 and a total duty of 6.44 acre-feet annually with an allowed diversion rate of 0.0089 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

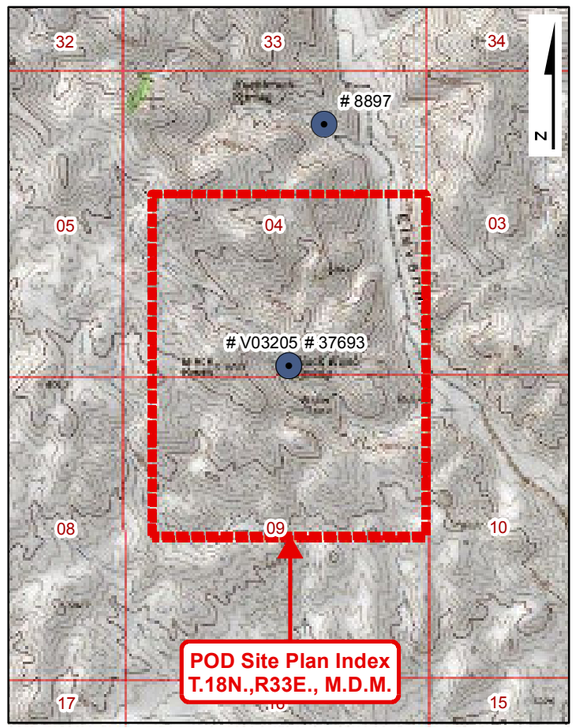
The point of diversion is located within the SW¼SE¼ Section 4, Township 18N, Range 33E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-071-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
		4	18N	33E	1000 cattle or 5000 sheep

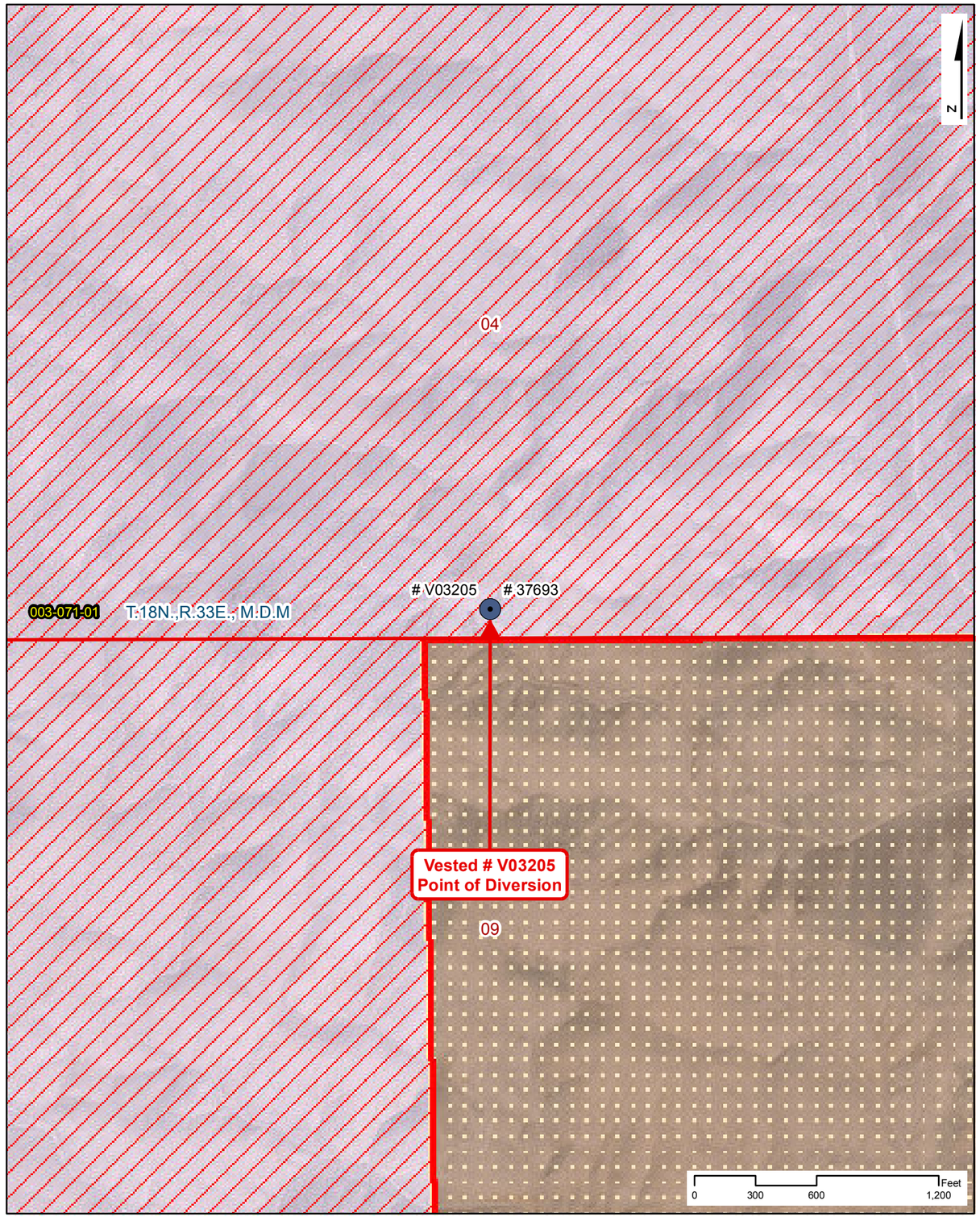
Vested Right V03205 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V03205

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.445505 — **LONGITUDE: -118.284267**
POINT OF DIVERSION: SW1/4,SE1/4, Section 4, T.18N.,R33E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Kent, Ira H. and Nina K.

PRIORITY DATE: 1/1/1905
FILING DATE: 8/7/1979
STATUS: Vested

USE UNITS

1000 Cattle or 5000 Sheep

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.0089 CFS
ALLOWED DUTY: 6.440 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-071-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V03205

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd =- GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:46:10 AM

Serial No. 03205

THE STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING PURPOSES

(1) Name of claimant Ira H. and Nina K. Kent

13333 Stillwater Road (Street and No. or P.O. Box No.) of Fallon (City or town)

Nevada 89406 (State and Zip Code No.)

(2) Source of water Black Knob Spring (Name of natural water source.)

(3) The water is diverted by Spring box with 1000 feet pipe to one stock water trough (Dam, ditch, pipe line, natural channel, spring area, etc.)

(4) The water is diverted at the following point(s) SW¼ SE¼, Section 4, T18N, R33E, M.D.M. (unsurveyed) or at a point from which the southwest corner of Section 1 T18N, R33½E, M.D.M. bears S 88° 10' E, 18,310 feet, distant. (Calculated from geological survey map.)

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such reach.

(5) The water is impounded in stock water troughs (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun prior to 1905 (Date) and completed ..... (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is public domain with grazing permit (Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right ~~was~~ (was not) recorded in the office of the County Recorder of .....County, at Page.....of Book.....of.....

NOTE—Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

(9) The approximate number of animals watered by the claimant during the first year 1905± (Date) was 1000 cattle or ~~horses~~ 5000 sheep or ..... (Other) The watering was conducted during each of the following months

all year except the range is closed through part of October and November

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:

1905 - 1918 1000 cattle

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

1918 - 1941 5000 sheep 150 cattle

1941 - 1943 Range closed for aerial gunnery practice

1943 - 1979 600 to 900 cattle

(11) The amount of water which has been necessary to be diverted for this purpose has been.....

0.00892 cubic feet per second.

448.83 gal. per min. equals 1 cubic foot per second.

(12) The works are located at Section 4, T18N, R33E, M.D.M. (unsurveyed)

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks

Remarks.....

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by.....

are full and correct to the best of his knowledge and belief.

If proof is not made by claimant, deponent should state on this line by virtue of what authority he represents the claimant.

Geo W Hunt

Claimant

Nina M. Hunt

By Geo W Hunt

13333 Stillwater Road

Street and No., or P.O. Box No.

Fallon, Nevada 89406

City, State, Zip Code No.

Subscribed and sworn to before me this 18th day of July, 19 79

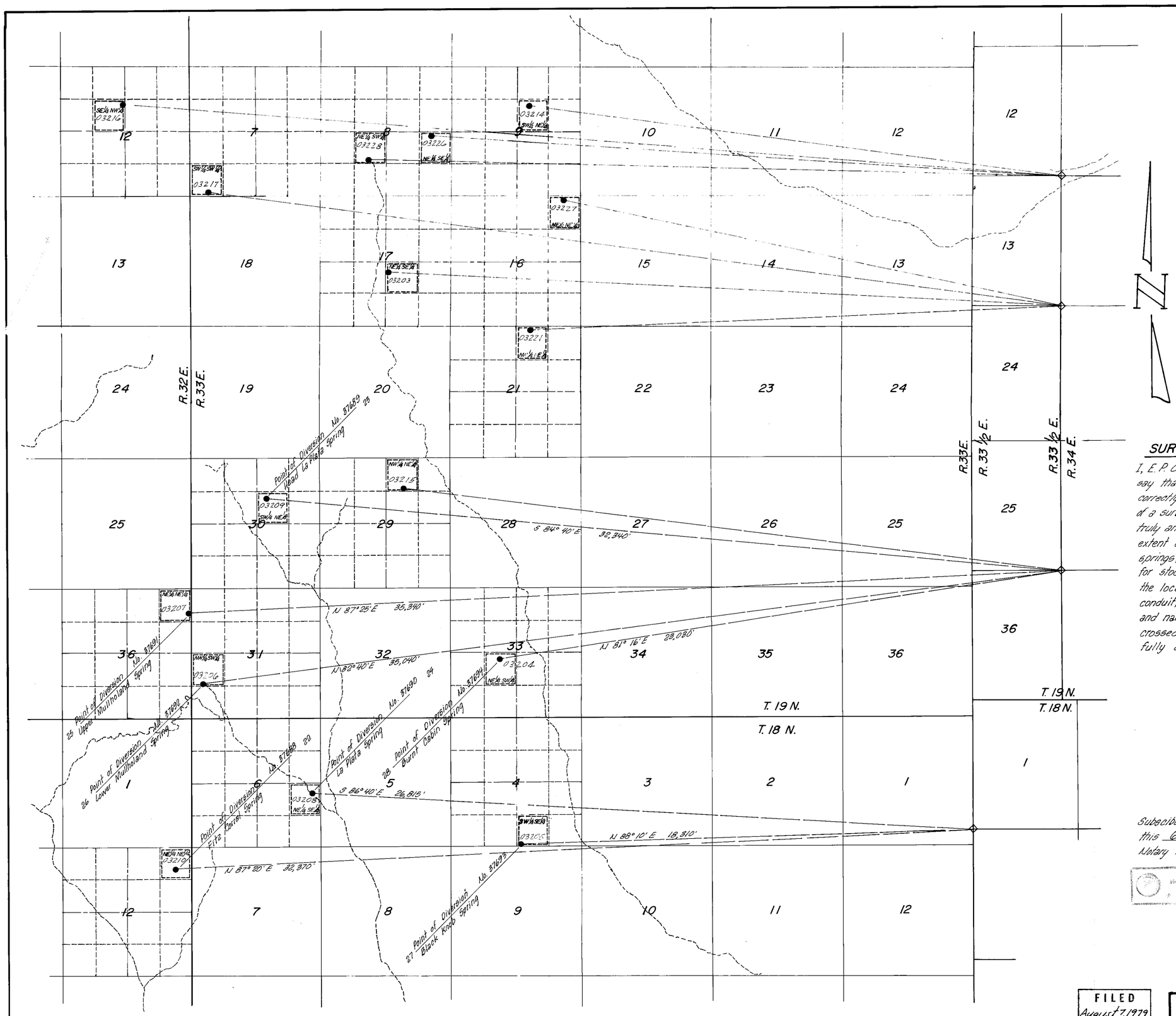
Vee Ann Fiedrich

Notary Public in and for the County of Washoe

My commission expires May 27, 1981

VEE ANN FIEDRICH
Notary Public — State of Nevada
Washoe County
My Commission expires May 27, 1981

$10 FILING FEE MUST ACCOMPANY PROOF



SCALE 1" = 2000'

Basis of Bearings: Calculated from Nevada Protraction Diagram by the Bureau of Land Management.

SURVEYOR'S CERTIFICATE:

I, E. P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey made by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood Jr.

E. P. Osgood, Jr. St. Wtr. Rt. Surveyor No. 294

Subscibed and sworn to before me this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARVIN HAMRICK
Notary Public - State of Nevada
Washoe County
My Commission expires May 5, 1981

Marvin Hamrick
Notary Public

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

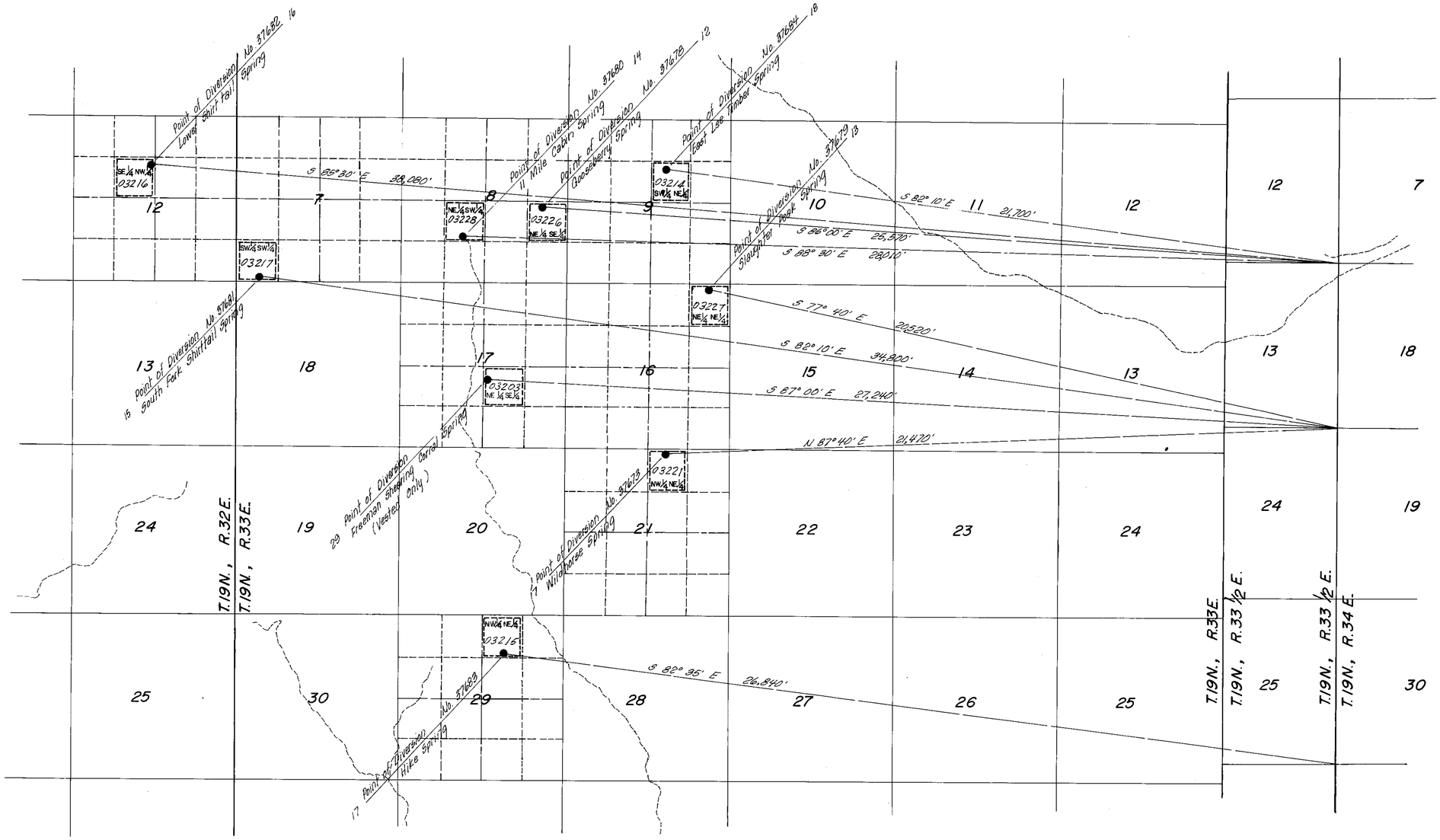
OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 50

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR STOCKWATERING
BY
IRA H. & NINA K. KENT

CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217

03216, 03215, 03214, 03210, 03209, 03208, 03207, 03206, 03205, 03204, 03203 Filed Under



SURVEYOR'S CERTIFICATE:

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E. P. Osgood, Jr.
E. P. Osgood, Jr.
State Water Right Surveyor No. 294

Subscribed and sworn to before me
this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARTIN HAMWICK
Notary Public - State of Nevada
Washoe County
My Commission expires: May 6, 1981

Wpaum Hamwick
Notary Public

OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 51

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR
STOCKWATERING
BY
IRA H. & NINA K. KENT
AND SILVER RANGE RANCH
CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217, 03216, 03215, 03214, 03203 — Filed Under



Site Search

Permit Information

New Search

App/Permit: V03205
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
KENT, NINA K.	B	0	0	0				
KENT, IRA H.	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
KENT, NINA K.
KENT, IRA H.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V03206

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.463532 **LONGITUDE:** -118.329722

OWNERSHIP:	Kent, Ira H. and Nina K.
PRIORITY DATE:	1/1/1905
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NW¼SW¼ Section 31, T.19N., R.33E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	1000 cattle or 5000 sheep
PLACE OF USE:	NW¼SW¼ Section 31, T.19N., R.33E., M.D.M.
DIVERSION RATE:	0.006 cfs
ALLOWED DUTY:	4.85 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Lower Mullholand Spring

POD PARCEL:	Churchill County APN 003-231-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-231-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

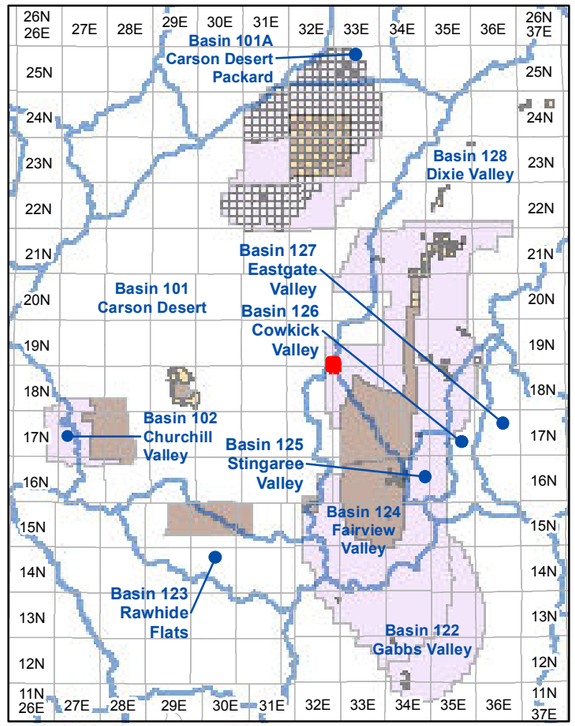
Vested Right V03206

The current owner of Vested Right V03206 is Ira H. and Nina K. Kent. The vested right was filed in the office of the State Engineer on August 7, 1979. It has a priority date of January 01, 1905 and a total duty of 4.85 acre-feet annually with an allowed diversion rate of 0.006 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

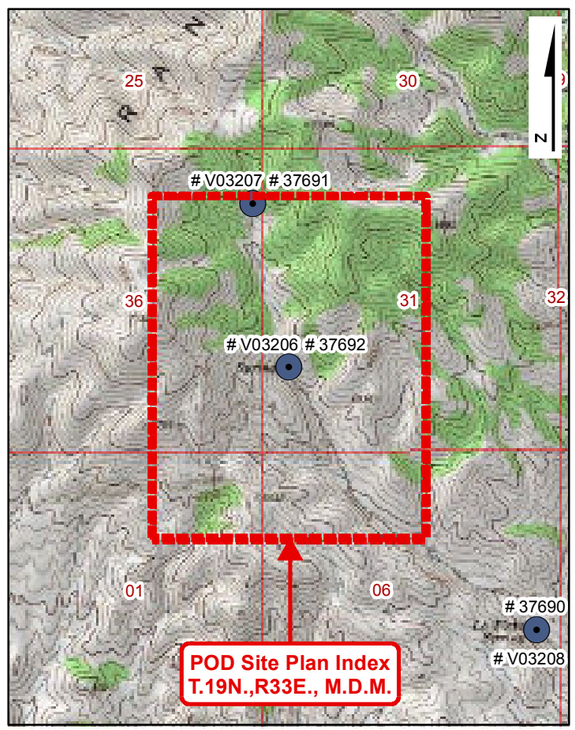
The point of diversion is located within the NW¼SW¼ Section 31, Township 19N, Range 33E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-231-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
NW	SW	31	19N	33E	1000 cattle or 5000 sheep

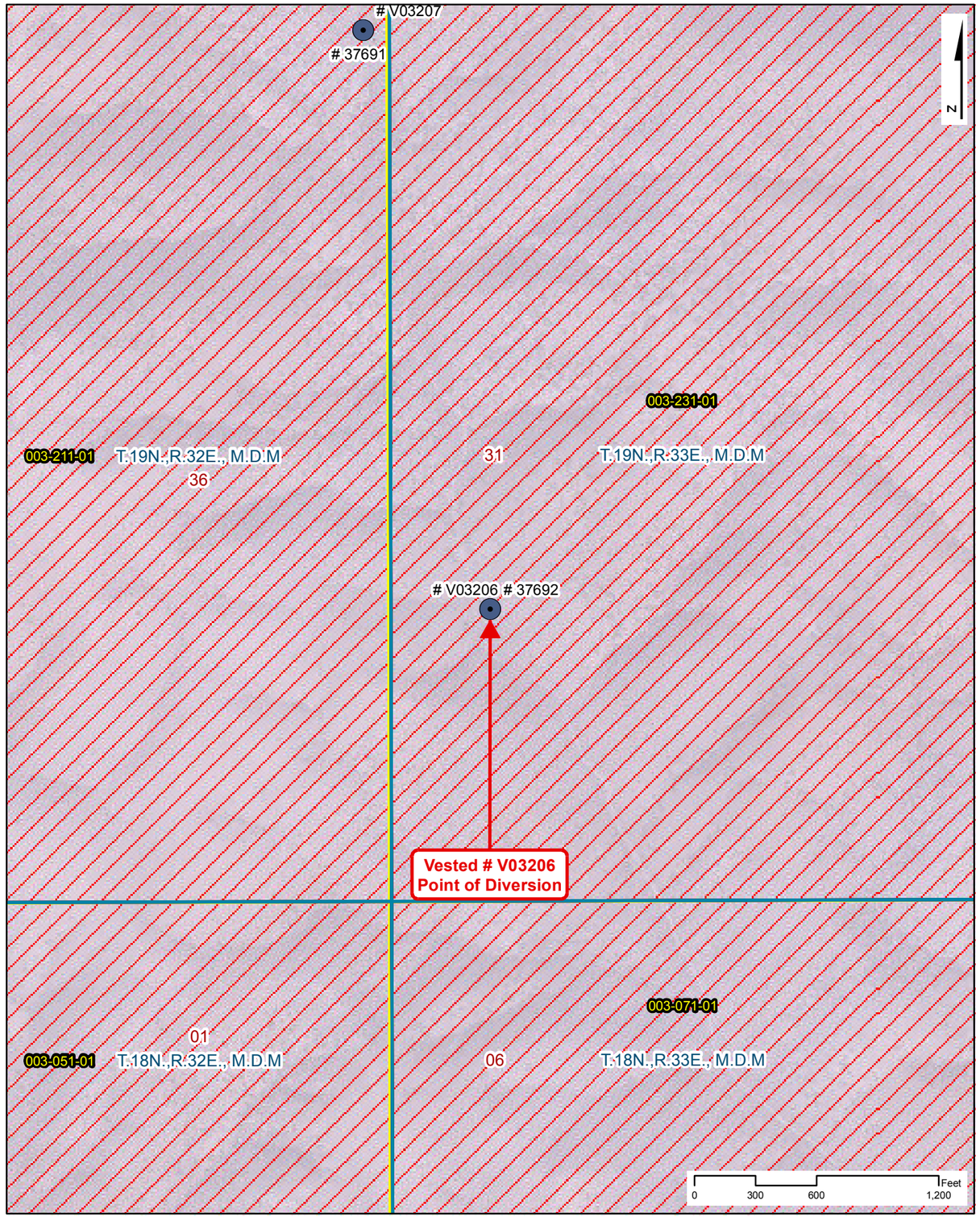
Vested Right V03206 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V03206

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.463532 — **LONGITUDE: -118.329722**
POINT OF DIVERSION: NW1/4,SW1/4, Section 31, T.19N.,R33E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Kent, Ira H. and Nina K.

PRIORITY DATE: 1/1/1905
FILING DATE: 8/7/1979
STATUS: Vested

USE UNITS

1000 Cattle or 5000 Sheep

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.006 CFS
ALLOWED DUTY: 4.850 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-231-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V03206

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 10:46:12 AM

Serial No. 03206

THE STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING PURPOSES

(1) Name of claimant Ira H. and Nina K. Kent

13333 Stillwater Road (Street and No. or P.O. Box No.) of Fallon (City or town)

Nevada 89406 (State and Zip Code No.)

(2) Source of water Lower Mullholand Spring (Name of natural water source.)

(3) The water is diverted by Springbox with 100 feet 1¼ inch pipe to one stock water trough (Dam, ditch, pipe line, natural channel, spring area, etc.)

(4) The water is diverted at the following point(s) NW¼ SW¼ Section 31, T19N, R33E, M.D.M. (unsurveyed) or at a point from which the northwest corner of Section 31, T19N, R34E, M.D.M. bears N 82° 40' E, 35,040 feet, distant. (Calculated from geological survey map.)

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such reach.

(5) The water is impounded in stock water troughs (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun prior to 1905 (Date) and completed ..... (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is public domain with grazing permit (Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right was (was not) recorded in the office of the County Recorder of ..... County, at Page ..... of Book ..... of .....

NOTE—Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

FILED
Aug. 7, 1979
STATE ENGINEER'S OFFICE

(9) The approximate number of animals watered by the claimant during the first year 1905± (Date);

was 1000 cattle or ~~horses~~ 5000 sheep or ..... (Other) The watering

was conducted during each of the following months.....

all year except the range is closed through part of October and

NOvember

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:

1905 - 1918 1000 cattle

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

1918- 1941 5000 sheep 150 cattle

1941 - 1943 Range closed for aerial gunnery practice

1943 - 1979 600 to 900 cattle

(11) The amount of water which has been necessary to be diverted for this purpose has been.....

0.00669 cubic feet per second.

448.83 gal. per min. equals 1 cubic foot per second.

(12) The works are located at Section 31, T19N, R33E, M.D.M. (unsurveyed)

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks.....

Remarks.....

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by.....

are full and correct to the best of his knowledge and belief.

If proof is not made by claimant, deponent should state on this line by virtue of what authority he represents the claimant.

Gra H Szent
Claimant
Nina B. Kent

By Gra H Szent

13333 Stillwater Road
Street and No., or P.O. Box No.

Fallon, Nevada 89406
City, State, Zip Code No.

Subscribed and sworn to before me this 18th day of July, 19 79

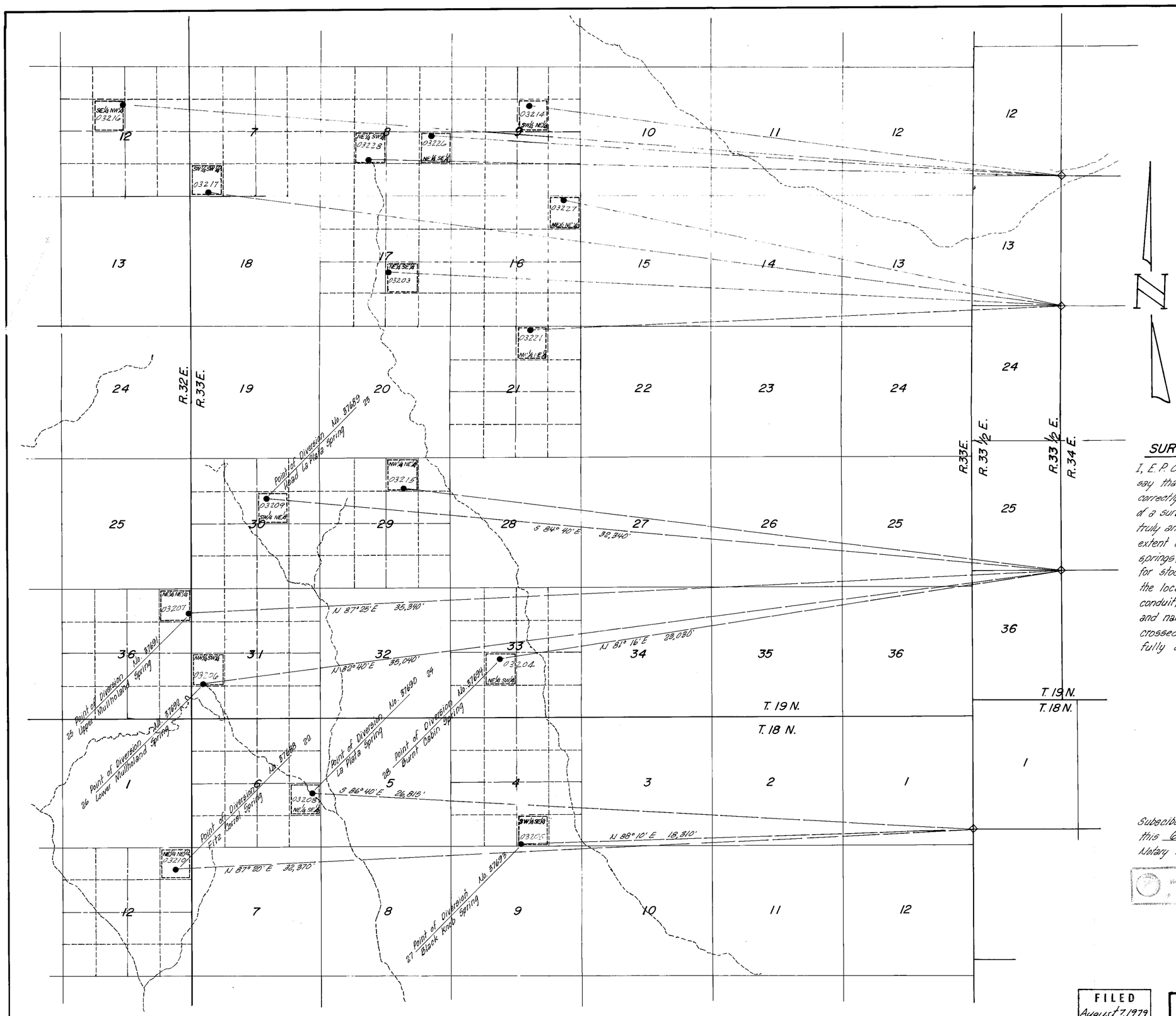
Vee Ann Fiedrich

Notary Public in and for the County of Washoe

My commission expires May 27, 1981

VEE ANN FIEDRICH
Notary Public — State of Nevada
Washoe County
My Commission expires May 27, 1981

$10 FILING FEE MUST ACCOMPANY PROOF



SCALE 1" = 2000'

Basis of Bearings: Calculated from Nevada Protraction Diagram by the Bureau of Land Management.

SURVEYOR'S CERTIFICATE:

I, E. P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey made by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood Jr.

E. P. Osgood, Jr. St. Wtr. Rt. Surveyor No. 294

Subscibed and sworn to before me this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARVIN HAMRICK
Notary Public - State of Nevada
Washoe County
My Commission expires May 5, 1981

Marvin Hamrick
Notary Public

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

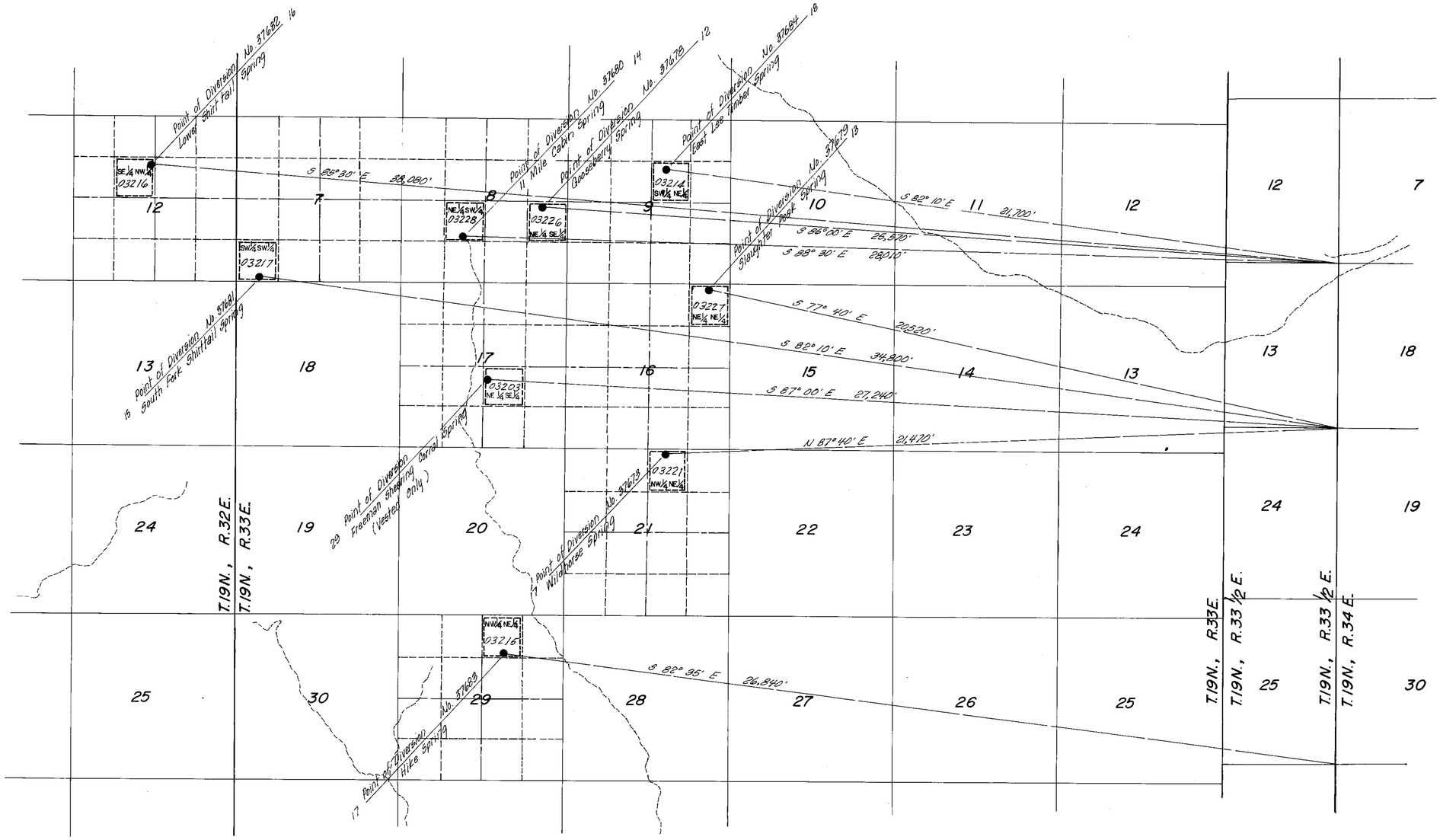
OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 50

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR STOCKWATERING
BY
IRA H. & NINA K. KENT

CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217

03216, 03215, 03214, 03210, 03209, 03208, 03207, 03206, 03205, 03204, 03203 Filed Under



SURVEYOR'S CERTIFICATE:

I, E.P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey performed by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent and Silver Range Ranch for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood, Jr.
E. P. Osgood, Jr.
State Water Right Surveyor No. 294

Subscribed and sworn to before me
this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARTIN HAMWICK
Notary Public - State of Nevada
Washoe County
My Commission expires: May 6, 1981

Wpaum Hamwick
Notary Public

OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 51

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR
STOCKWATERING
BY
IRA H. & NINA K. KENT
AND SILVER RANGE RANCH
CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217, 03216, 03215, 03214, 03203 — Filed Under



Site Search

Permit Information

New Search

App/Permit: V03206
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
KENT, NINA K.	B	0	0	0				
KENT, IRA H.	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
KENT, NINA K.
KENT, IRA H.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

Vested Right V03207

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.471352 **LONGITUDE:** -118.331905

OWNERSHIP:	Kent, Ira H. and Nina K.
PRIORITY DATE:	1/1/1905
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NE¼NE¼ Section 36, T. 19N., R.32E. M.D.M.
MANNER OF USE:	STK
PLACE OF USE:	NE¼NE¼ Section 36, T. 19N., R.32E. M.D.M.
DIVERSION RATE:	.007 cfs
ALLOWED DUTY:	4.85 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	None
REMARKS:	Upper Mullholand Spring

POD PARCEL:	Churchill County APN 003-211-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-211-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

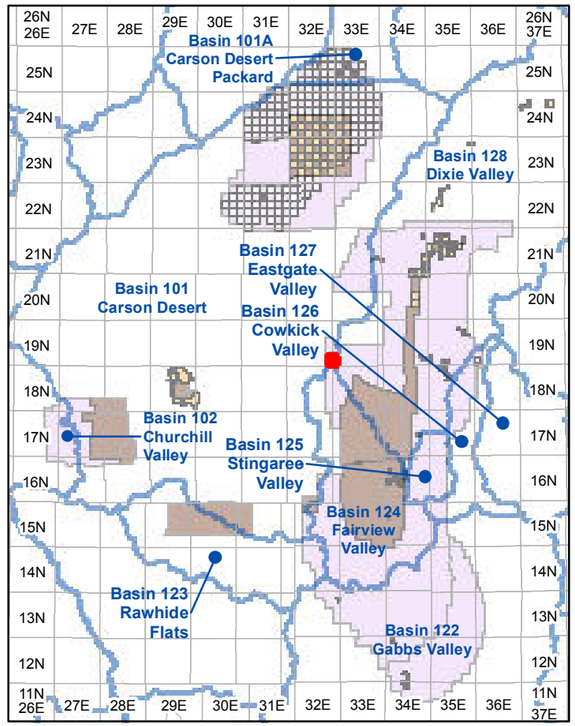
Vested Right V03207

The current owner of Vested Right V03207 is Ira H. and Nina K. Kent. The vested right was filed in the office of the State Engineer on August 7, 1979. It has a priority date of January 01, 1905 and a total duty of 4.85 acre-feet annually with an allowed diversion rate of 0.007 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

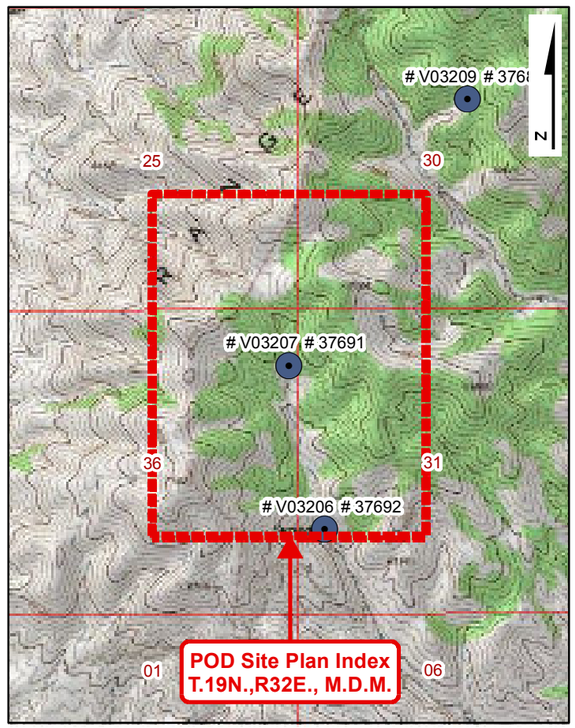
The point of diversion is located within the NE¼NE¼ Section 36, Township 19N, Range 32E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-211-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
NE	NE	36	19N	32E	1000 cattle or 5000 sheep

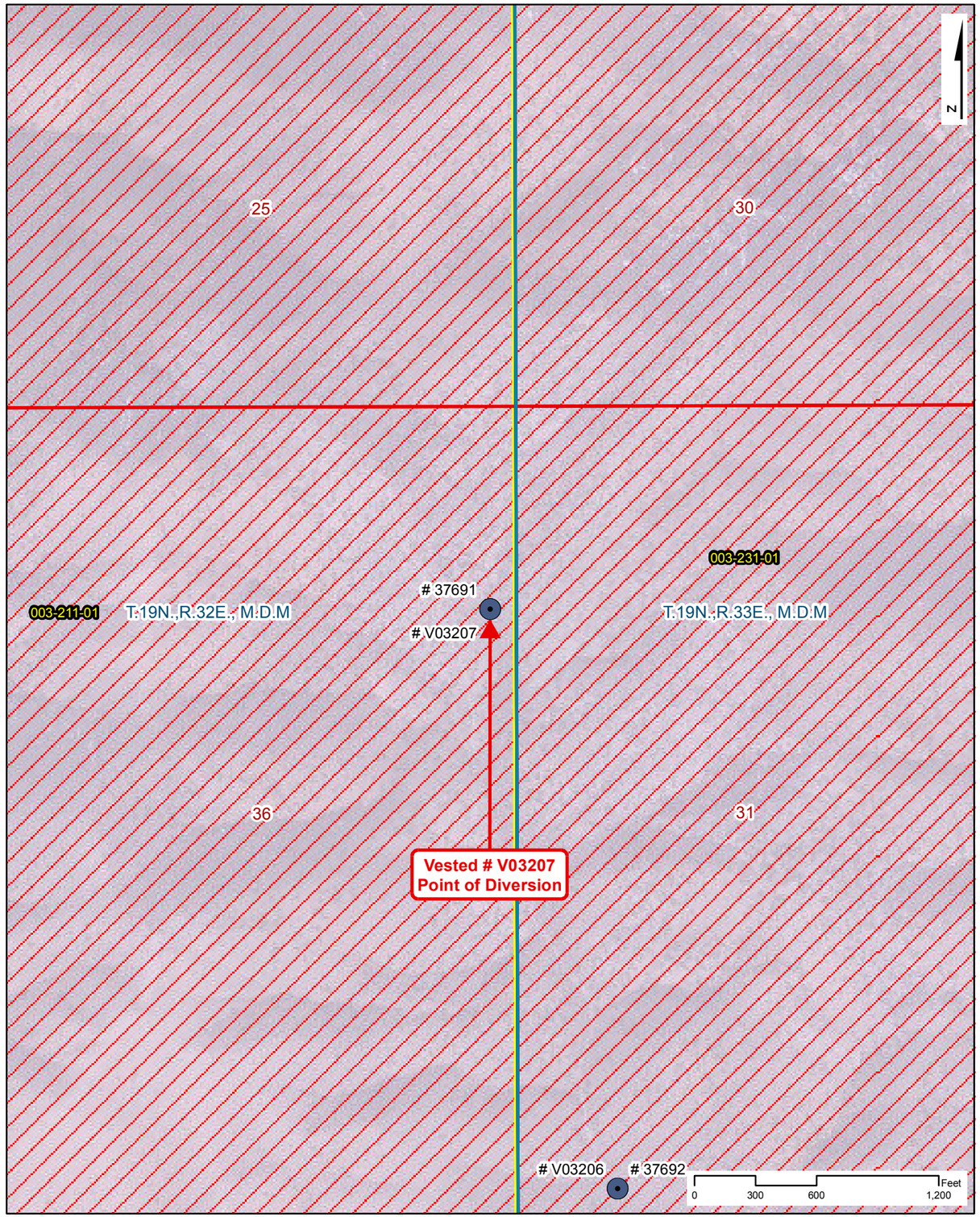
Vested Right V03207 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V03207

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.471352 — **LONGITUDE: -118.331905**
POINT OF DIVERSION: NE1/4,NE1/4, Section 36, T.19N.,R32E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Kent, Ira H. & Nina K.

PRIORITY DATE: 1/1/1905
FILING DATE: 8/7/1979
STATUS: Vested

USE UNITS

1000 Cattle or 5000 Sheep

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.007 CFS
ALLOWED DUTY: 4.850 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-211-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V03207

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd =- GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:46:14 AM

25

Serial No. 0 3207

THE STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING PURPOSES

(1) Name of claimant Ira H. and Nina K. Kent

13333 Stillwater Road (Street and No. or P.O. Box No.) of Fallon (City or town)

Nevada 89406 (State and Zip Code No.)

(2) Source of water "Upper Mullholand" Spring (Name of natural water source.)

(3) The water is diverted by spring box with 100 feet 1¼ inch pipe to one stock water trough (Dam, ditch, pipe line, natural channel, spring area, etc.)

(4) The water is diverted at the following point(s) NE¼ NE¼ Section 36, T19N, R32E, M.D.M. (unsurveyed) or at a point from which the NW corner of Section 31, T19N, R34E, M.D.M. bears N 87° 25' E, 35340 feet, distant. (Calculated from geological survey map.)

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such reach.

(5) The water is impounded in stock water troughs (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun prior to 1905 (Date) and completed ..... (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is public domain with grazing permit (Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right ~~was~~ (was not) recorded in the office of the County Recorder of ..... County, at Page ..... of Book ..... of .....

NOTE—Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

1905±

(9) The approximate number of animals watered by the claimant during the first year (Date), was 1000 cattle or ~~horses~~ 5000 sheep or (Other). The watering was conducted during each of the following months all year except the range is closed through part of October and November.

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:

1905 to 1918 - 1000 cattle

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

1918 to 1941 - 5000 sheep 150 cattle

1941 to 1943 - Range closed for aerial gunnery practice

1943 to 1979 - 600 to 900 cattle

(11) The amount of water which has been necessary to be diverted for this purpose has been

0.00669 cubic feet per second.

448.83 gal. per min. equals 1 cubic foot per second.

(12) The works are located at NE¼ NE¼ Section 36, T19N, R32E, M.D.M. (unsurveye

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks

Remarks.....

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by.....

are full and correct to the best of his knowledge and belief.

If proof is not made by claimant, deponent should state on this line by virtue of what authority he represents the claimant.

Ira H Sprut
Claimant
Nina G. Sprut

By Ira H Sprut

13333 Stillwater Road
Street and No., or P.O. Box No.

Fallon, Nevada 89406
City, State, Zip Code No.

Subscribed and sworn to before me this 18th day of July, 19 79.

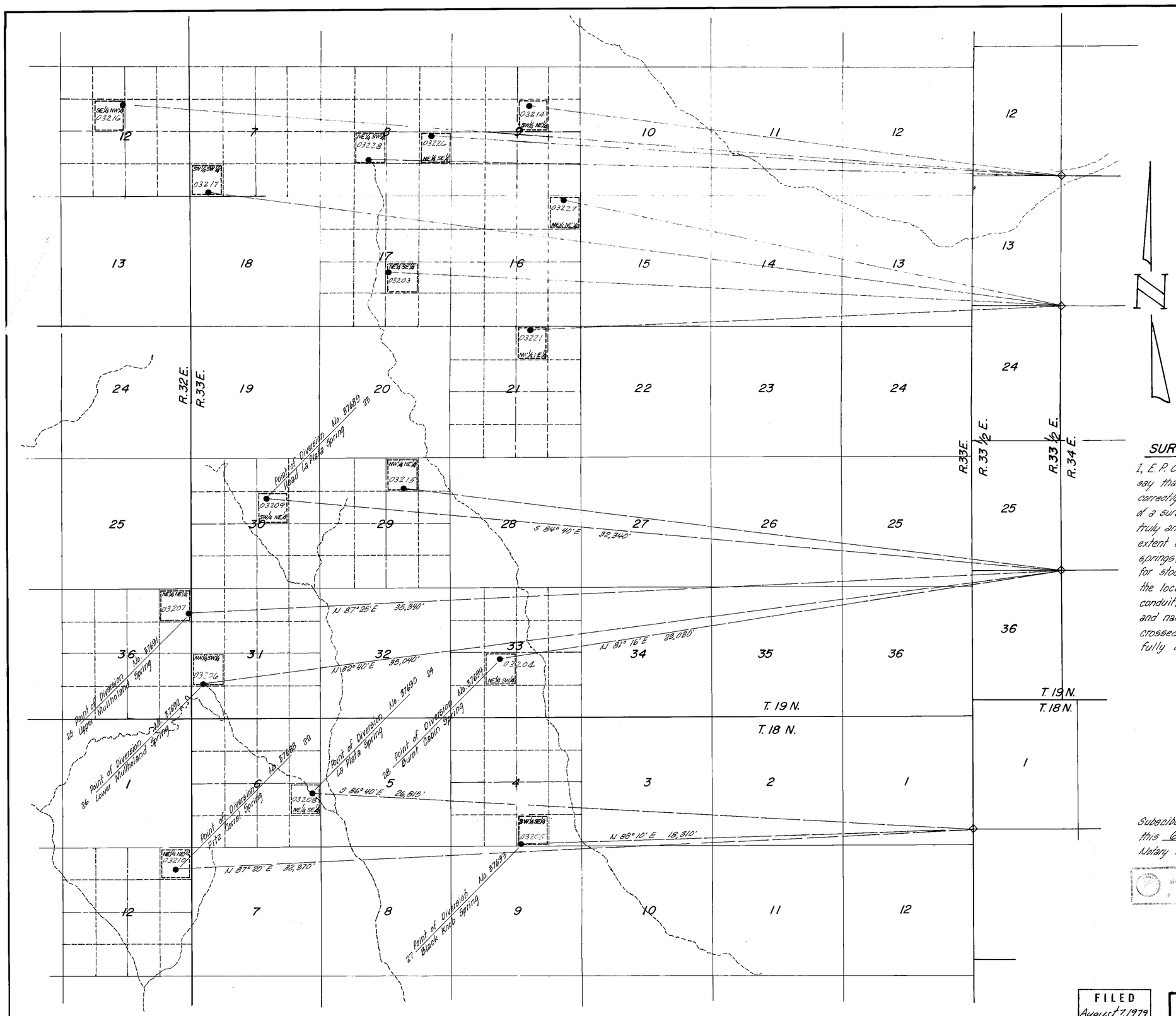
Vee Ann Fiedrich

Notary Public in and for the County of Washoe

My commission expires May 27, 1981

VEE ANN FIEDRICH
Notary Public — State of Nevada
Washoe County
My Commission expires May 27, 1981

$10 FILING FEE MUST ACCOMPANY PROOF



SCALE 1" = 2000'

Basis of Bearings: Calculated from Nevada Protraction Diagram by the Bureau of Land Management.

SURVEYOR'S CERTIFICATE:

I, E. P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey made by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood Jr.

E. P. Osgood, Jr. St. Wtr. Rt. Surveyor No. 294

Subscibed and sworn to before me this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARVIN HAMRICK
Notary Public - State of Nevada
Washoe County
My Commission expires May 5, 1981

Marvin Hamrick
Notary Public

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

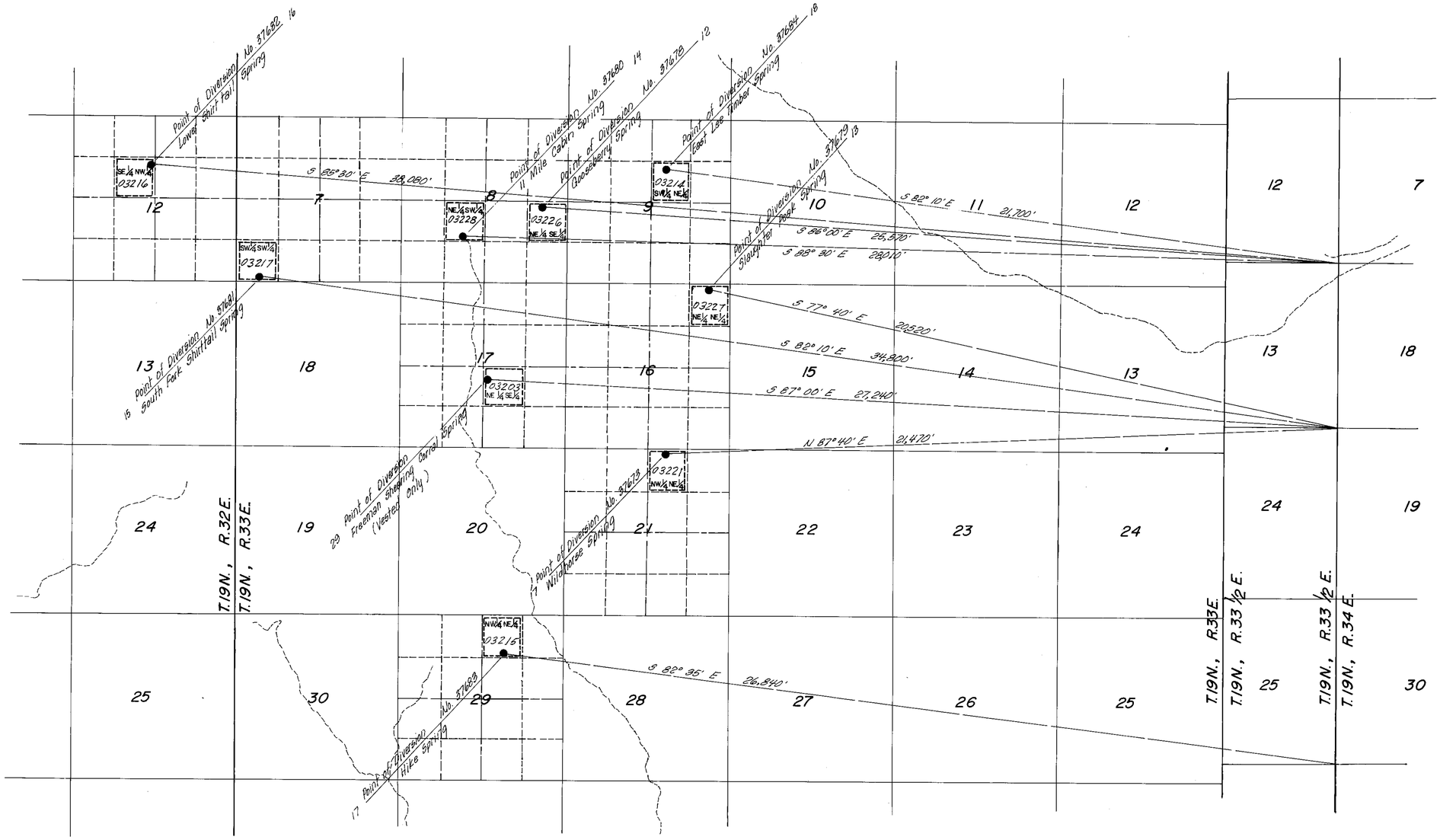
OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 50

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR STOCKWATERING
BY
IRA H. & NINA K. KENT

CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217

03216, 03215, 03214, 03210, 03209, 03208, 03207, 03206, 03205, 03204, 03203 Filed Under



SURVEYOR'S CERTIFICATE:

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E. P. Osgood, Jr.
E. P. Osgood, Jr.
State Water Right Surveyor No. 294

Subscribed and sworn to before me
this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARTIN HAMWICK
Notary Public - State of Nevada
Washoe County
My Commission expires: May 6, 1981

Wpaum Hamwick
Notary Public

OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 51

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR
STOCKWATERING
BY
IRA H. & NINA K. KENT
AND SILVER RANGE RANCH
CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217, 03216, 03215, 03214, 03203 — Filed Under



Site Search

Permit Information

New Search

App/Permit: V03207
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
KENT, IRA H.	B	0	0	0				
KENT, NINA K.	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
KENT, IRA H.
KENT, NINA K.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V03208

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.45098 **LONGITUDE:** -118.314499

OWNERSHIP:	Kent, Ira H. and Nina K.
PRIORITY DATE:	1/1/1905
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NE¼SE¼ Section 6, T.18N., R.33E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	1000 cattle or 5000 sheep
PLACE OF USE:	NE¼SE¼ Section 6, T.18N., R.33E., M.D.M.
DIVERSION RATE:	0.007 cfs
ALLOWED DUTY:	4.84 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	La Plata Spring

POD PARCEL:	Churchill County APN 003-071-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-071-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

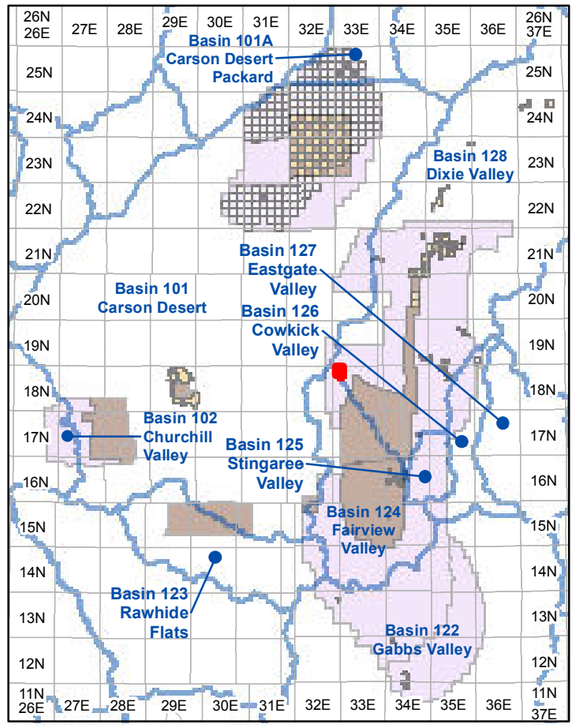
Vested Right V03208

The current owner of Vested Right V03208 is Ira H. and Nina K. Kent. The vested right was filed in the office of the State Engineer on August 7, 1979. It has a priority date of January 01, 1905 and a total duty of 4.84 acre-feet annually with an allowed diversion rate of 0.007 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

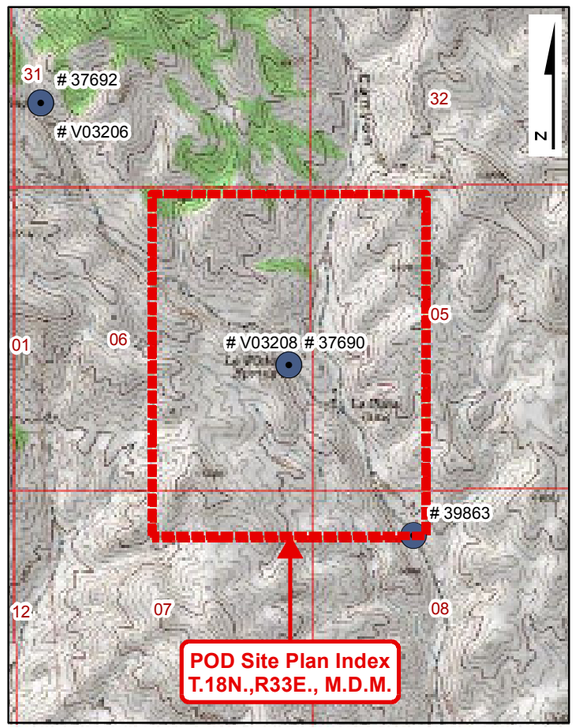
The point of diversion is located within the NE¼SE¼ Section 6, Township 18N, Range 33E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-071-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
NE	SE	6	18N	33E	1000 cattle or 5000 sheep

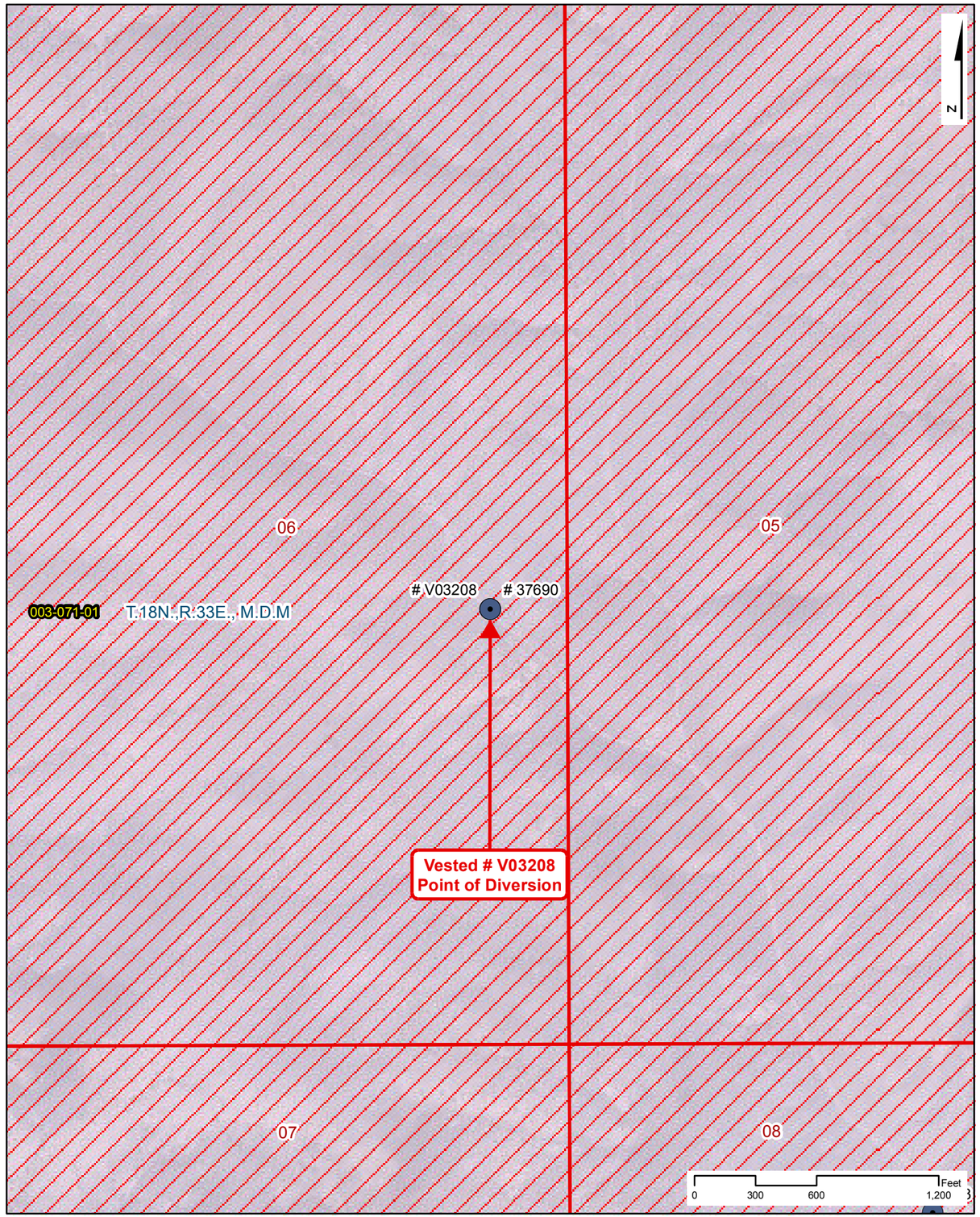
Vested Right V03208 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V03208

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.45098 — **LONGITUDE: -118.314499**
POINT OF DIVERSION: NE1/4,SE1/4, Section 6, T.18N.,R33E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Kent, Ira H. and Nina K.

PRIORITY DATE: 1/1/1905
FILING DATE: 8/7/1979
STATUS: Vested

USE UNITS

1000 Cattle or 5000 Sheep

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.007 CFS
ALLOWED DUTY: 4.840 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-071-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V03208

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd =- GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:46:16 AM

Serial No. 03208

THE STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING PURPOSES

(1) Name of claimant Ira H. and Nina K. Kent

13333 Stillwater Road (Street and No. or P.O. Box No.) of Fallon (City or town)

Nevada 89406 (State and Zip Code No.)

(2) Source of water "LaPlata" Spring (Name of natural water source.)

(3) The water is diverted by spring box with 200 feet 1¼ inch pipe to stock water trough (Dam, ditch, pipe line, natural channel, spring area, etc.)

(4) The water is diverted at the following point(s) NE¼ SE¼ Section 6, T18N, R33E, M.D.M. (unsurveyed) or at a point from which the southwest corner of Section 1, T18N, R33½E M.D.M. bears S 86° 40' E, 26815 feet, distant. (Calculated from geological survey map.)

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such reach.

(5) The water is impounded in stock water trough (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun prior to 1905 (Date) and completed ..... (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is public domain with grazing permit (Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right [redacted] (was not) recorded in the office of the County Recorder of .....County, at Page.....of Book.....of.....

NOTE—Failure to record in the county in no way invalidates a water right, but if water right was so recorded, ~~supply full information under (8).~~

FILED
Aug. 7, 1979
STATE ENGINEER'S OFFICE

(9) The approximate number of animals watered by the claimant during the first year 1905± (Date)
was 1000 cattle or ~~horses~~ 5000 sheep or ..... (Other) The watering
was conducted during each of the following months all year except the range
is closed through part of October and November

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:

1905 to 1918 - 1000 cattle

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

1918 to 1941 - 5000 sheep 150 cattle

1941 to 1943 - range closed for aerial gunnery practice

1943 to 1979 - 600 to 900 cattle

(11) The amount of water which has been necessary to be diverted for this purpose has been
0.00669 cubic feet per second.
448.83 gal. per min. equals 1 cubic foot per second.

(12) The works are located at NE¼ SE¼ Section 6, T18N., R33E., M.D.M. (unsurveye
Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks

Remarks.....

.....

.....

.....

.....

.....

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by.....

are full and correct to the best of his knowledge and belief.

.....

If proof is not made by claimant, deponent should state on this line by virtue of what authority he represents the claimant.

.....

Geo W Grant

Claimant

Vera K. Grant

By Geo W Grant

13333 Stillwater Road

Street and No., or P.O. Box No.

Fallon, Nevada 89406

City, State, Zip Code No.

Subscribed and sworn to before me this 18th day of July, 19 79.

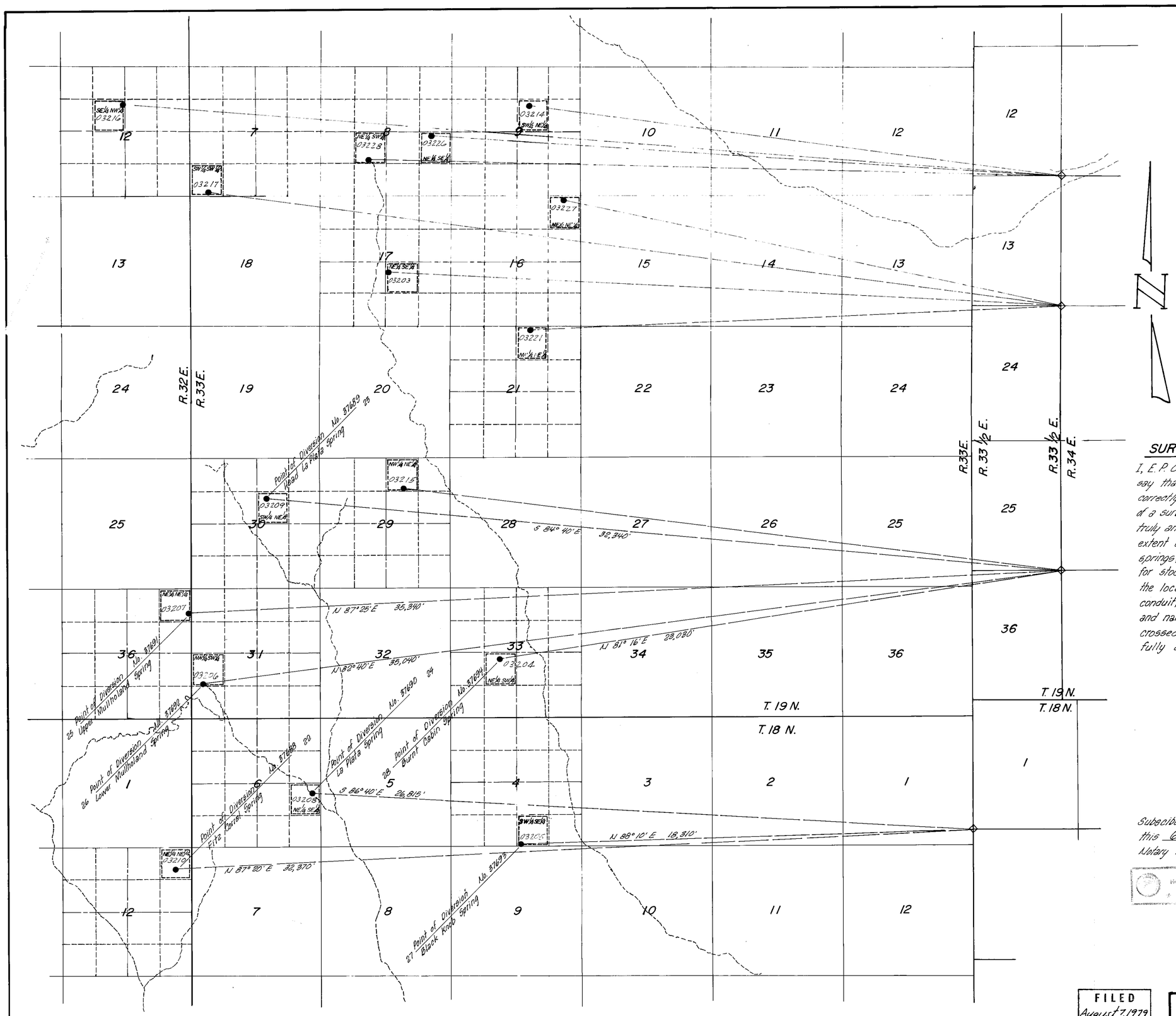
Vee Ann Fiedrich

Notary Public in and for the County of Washoe

My commission expires May 27, 1981

VEE ANN FIEDRICH
Notary Public — State of Nevada
Washoe County
My Commission expires May 27, 1981

$10 FILING FEE MUST ACCOMPANY PROOF



SCALE 1" = 2000'

Basis of Bearings: Calculated from Nevada Protraction Diagram by the Bureau of Land Management.

SURVEYOR'S CERTIFICATE:

I, E. P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey made by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood Jr.

E. P. Osgood, Jr. St. Wtr. Rt. Surveyor No. 294

Subscibed and sworn to before me this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARVIN HAMRICK
Notary Public - State of Nevada
Washoe County
My Commission expires May 5, 1981

Marvin Hamrick
Notary Public

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

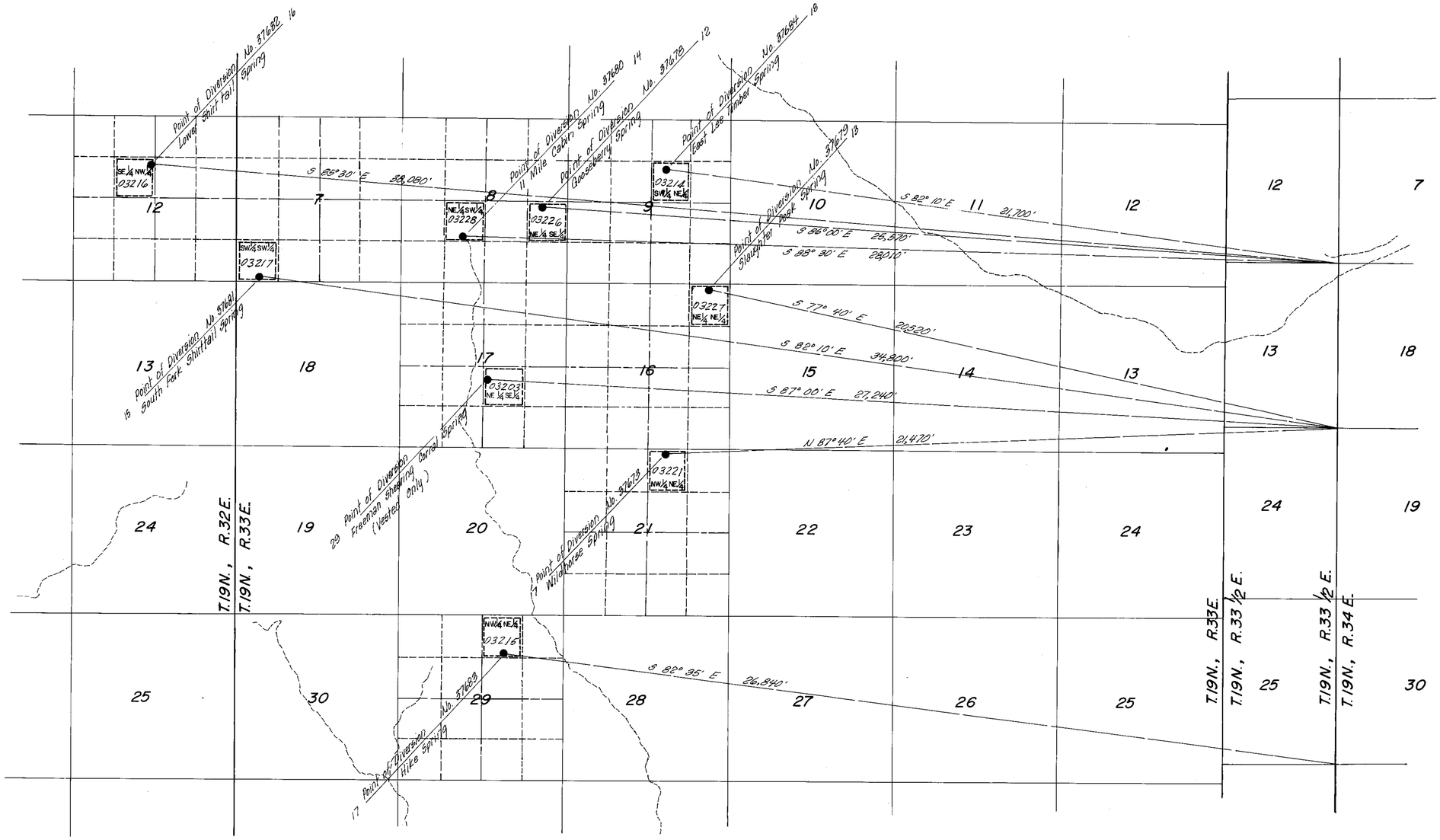
OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 50

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR STOCKWATERING
BY
IRA H. & NINA K. KENT

CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217

03216, 03215, 03214, 03210, 03209, 03208, 03207, 03206, 03205, 03204, 03203 Filed Under



SURVEYOR'S CERTIFICATE:

I, E.P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey performed by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent and Silver Range Ranch for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood, Jr.
E. P. Osgood, Jr.
State Water Right Surveyor No. 294

Subscribed and sworn to before me
this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARTIN HAMWICK
Notary Public - State of Nevada
Washoe County
My Commission expires: May 6, 1981

Wpaum Hamwick
Notary Public

OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 51

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR
STOCKWATERING
BY
IRA H. & NINA K. KENT
AND SILVER RANGE RANCH
CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217, 03216, 03215, 03214, 03203 — Filed Under



Site Search

Permit Information

New Search

App/Permit: V03208
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
KENT, NINA K.	B	0	0	0				
KENT, IRA H.	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
KENT, NINA K.
KENT, IRA H.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V03209

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.484028 **LONGITUDE:** -118.320843

OWNERSHIP:	Kent, Ira H. and Nina K.
PRIORITY DATE:	1/1/1905
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	SW¼NE¼ Section 30, T.19N., R.33E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	1000 cattle or 5000 sheep
PLACE OF USE:	SW¼NE¼ Section 30, T.19N., R.33E., M.D.M.
DIVERSION RATE:	0.002 cfs
ALLOWED DUTY:	1.63 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Head LaPlatta Spring

POD PARCEL:	Churchill County APN 003-231-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-231-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

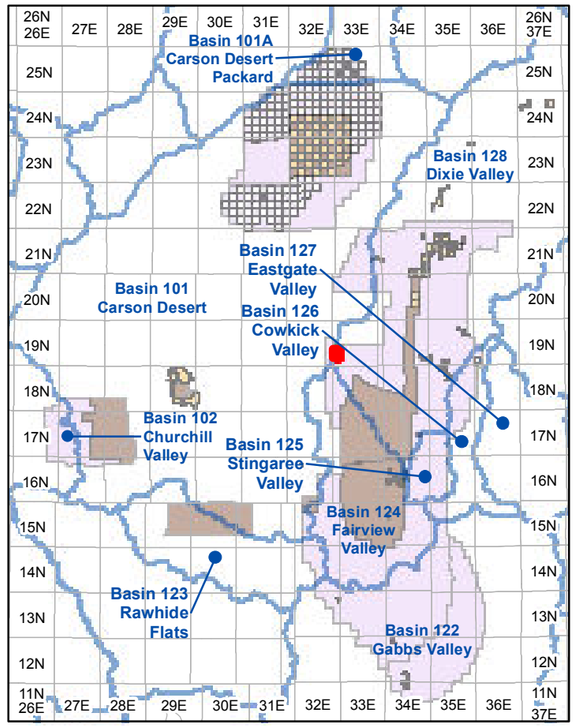
Vested Right V03209

The current owner of Vested Right V03209 is Ira H. and Nina K. Kent. The vested right was filed in the office of the State Engineer on August 7, 1979. It has a priority date of January 01, 1905 and a total duty of 1.63 acre-feet annually with an allowed diversion rate of 0.002 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

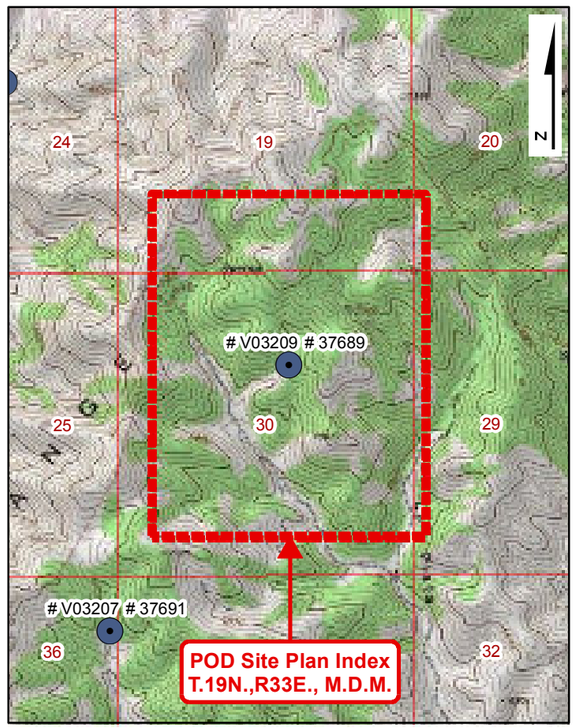
The point of diversion is located within the SW¼NE¼ Section 30, Township 19N, Range 33E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-231-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
SW	NE	30	19N	33E	1000 cattle or 5000 sheep

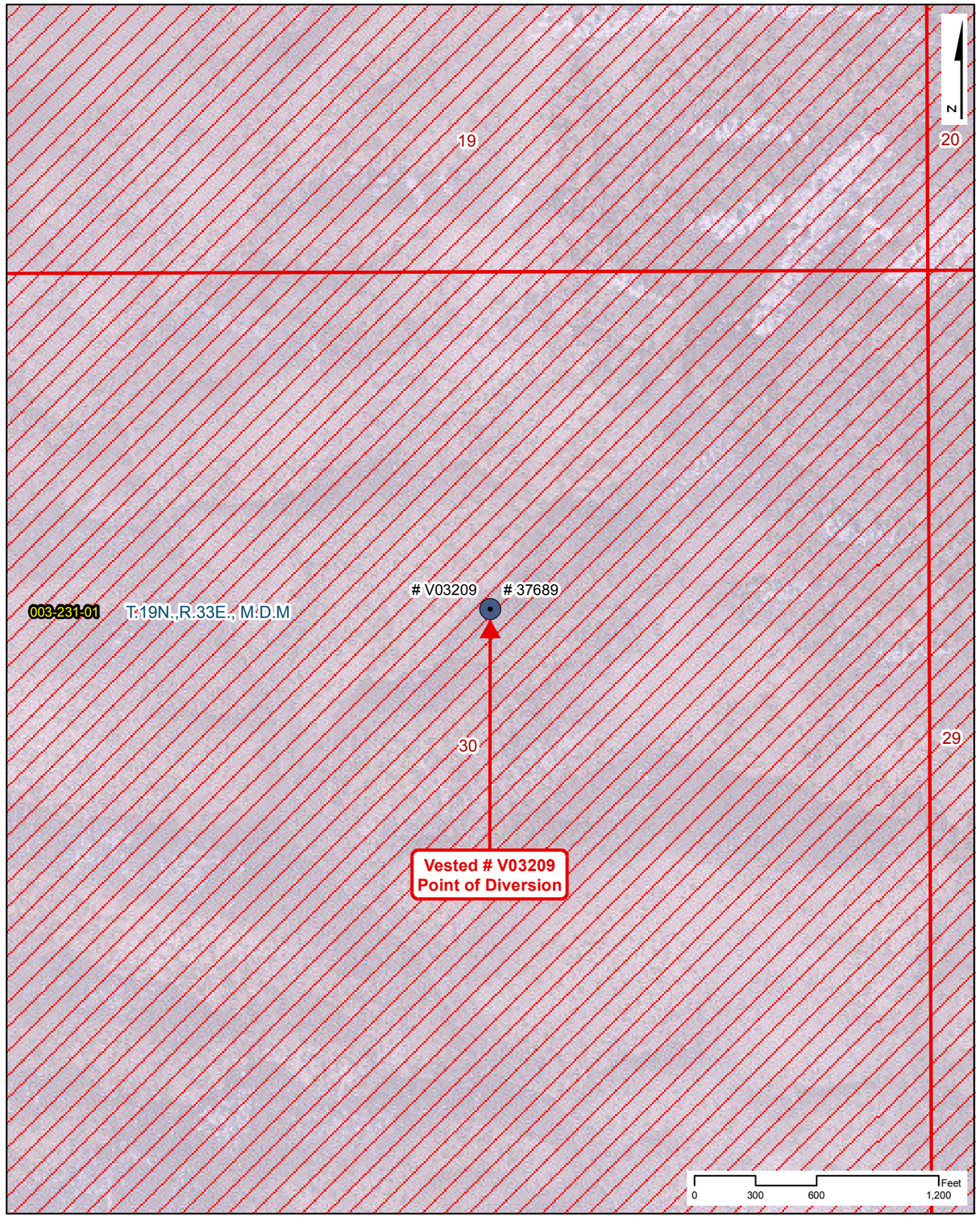
Vested Right V03209 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V03209

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.484028 — **LONGITUDE: -118.320843**
POINT OF DIVERSION: SW1/4,NE1/4, Section 30, T.19N.,R33E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Kent, Ira H. and Nina K.

PRIORITY DATE: 1/1/1905
FILING DATE: 8/7/1979
STATUS: Vested

USE UNITS

1000 Cattle or 5000 Sheep

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.002 CFS
ALLOWED DUTY: 1.630 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-231-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V03209

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd =- GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:46:18 AM

23

Serial No. 03209

THE STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING PURPOSES

(1) Name of claimant Ira H. and Nina K. Kent

13333 Stillwater Road (Street and No. or P.O. Box No.) of Fallon (City or town)

Nevada 89406 (State and Zip Code No.)

(2) Source of water Head LaPlata Spring (Name of natural water source.)

(3) The water is diverted by spring box with 1000 feet pipe to two stock water troughs (Dam, ditch, pipe line, natural channel, spring area, etc.)

(4) The water is diverted at the following point(s) SW¼ NE¼ Section 30, T19N, R33E, M.D.M. (unsurveyed) or at a point from which the southwest corner of Section 30, T19N, R34E, M.D.M. bears S 84° 40' E, 32,340 feet, distant. (Calculated from geological survey map)

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such reach.

(5) The water is impounded in stock water troughs (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun prior to 1905 (Date) and completed ..... (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is public domain with grazing permit (Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right ~~was~~ (was not) recorded in the office of the County Recorder of ..... County, at Page ..... of Book ..... of .....

NOTE—Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

FILED
Aug 7 1979
STATE ENGINEER'S OFFICE

(9) The approximate number of animals watered by the claimant during the first year 1905± (Date), was 1000 cattle or ~~horses~~ 5000 sheep or ..... (Other). The watering was conducted during each of the following months

All year except the range is closed through part of October and November.

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:

1905 to 1918 - 1000 cattle

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

1918 to 1941 - 5000 sheep 150 cattle

1942 to 1943 - Range was closed for aerial gunnery practice

1943 to 1979 - 600 to 900 cattle

(11) The amount of water which has been necessary to be diverted for this purpose has been

0.00223 cubic feet per second.

448.83 gal. per min. equals 1 cubic foot per second.

(12) The works are located at SW¼ NE¼ Section 30, T19N, R33E, M.D.M. (Unsurveyed)

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks

Remarks.....

.....

.....

.....

.....

.....

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by.....

are full and correct to the best of his knowledge and belief.

.....

If proof is not made by claimant, deponent should state on this line by virtue of what authority he represents the claimant.

.....

Geo W Grant

Claimant

Nina K. Grant

By Geo W Grant

13333 Stillwater Road

Street and No., or P.O. Box No.

Fallon, Nevada 89406

City, State, Zip Code No.

Subscribed and sworn to before me this 18th day of July, 19 79.

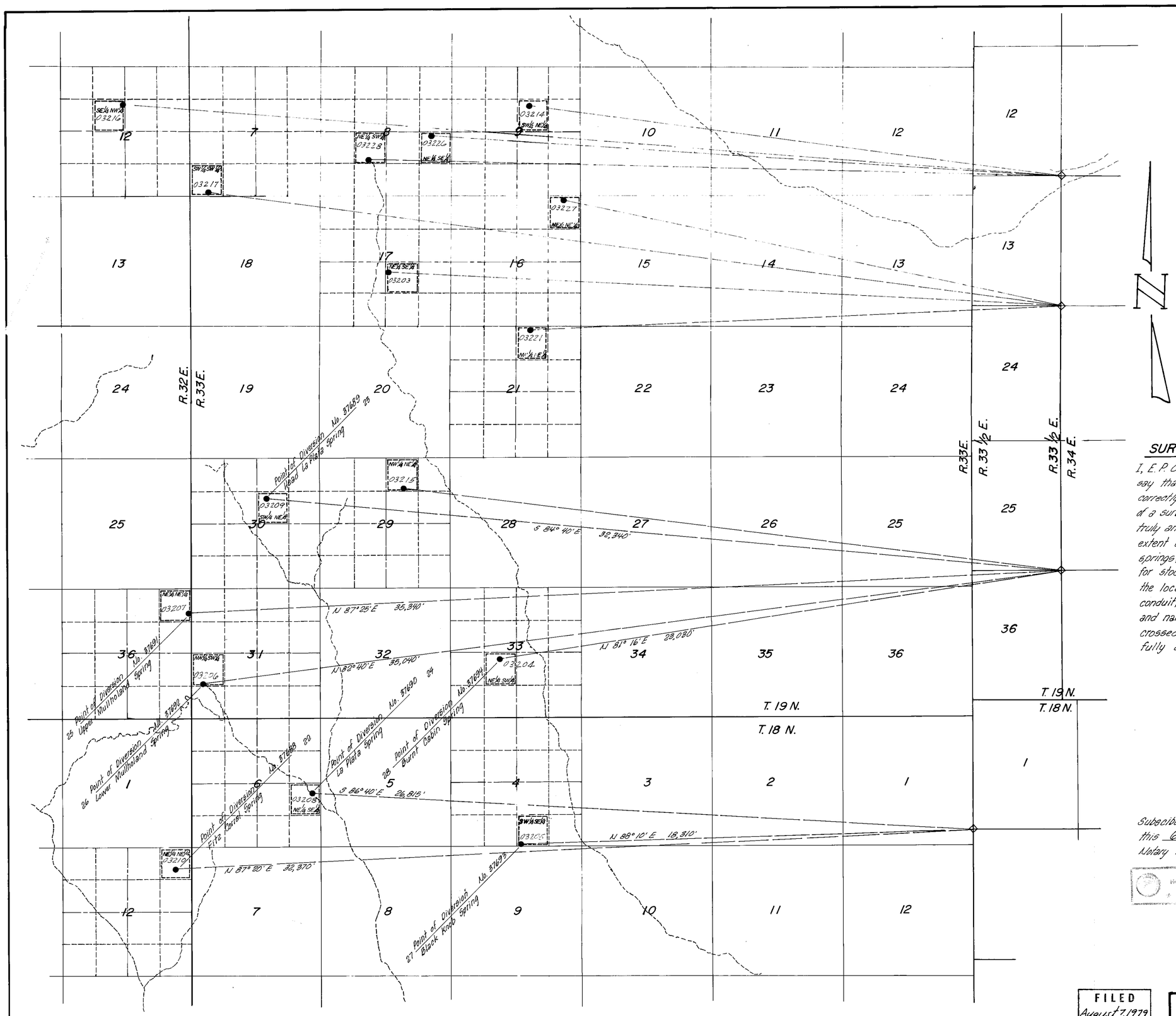
Vee Ann Fiedrich

Notary Public in and for the County of Washoe

My commission expires May 27, 1981

VEE ANN FIEDRICH
Notary Public — State of Nevada
Washoe County
My Commission expires May 27, 1981

$10 FILING FEE MUST ACCOMPANY PROOF



SCALE 1" = 2000'

Basis of Bearings: Calculated from Nevada Protraction Diagram by the Bureau of Land Management.

SURVEYOR'S CERTIFICATE:

I, E. P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey made by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood Jr.

E. P. Osgood, Jr. St. Wtr. Rt. Surveyor No. 294

Subscibed and sworn to before me this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARVIN HAMRICK
Notary Public - State of Nevada
Washoe County
My Commission expires May 5, 1981

Marvin Hamrick
Notary Public

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

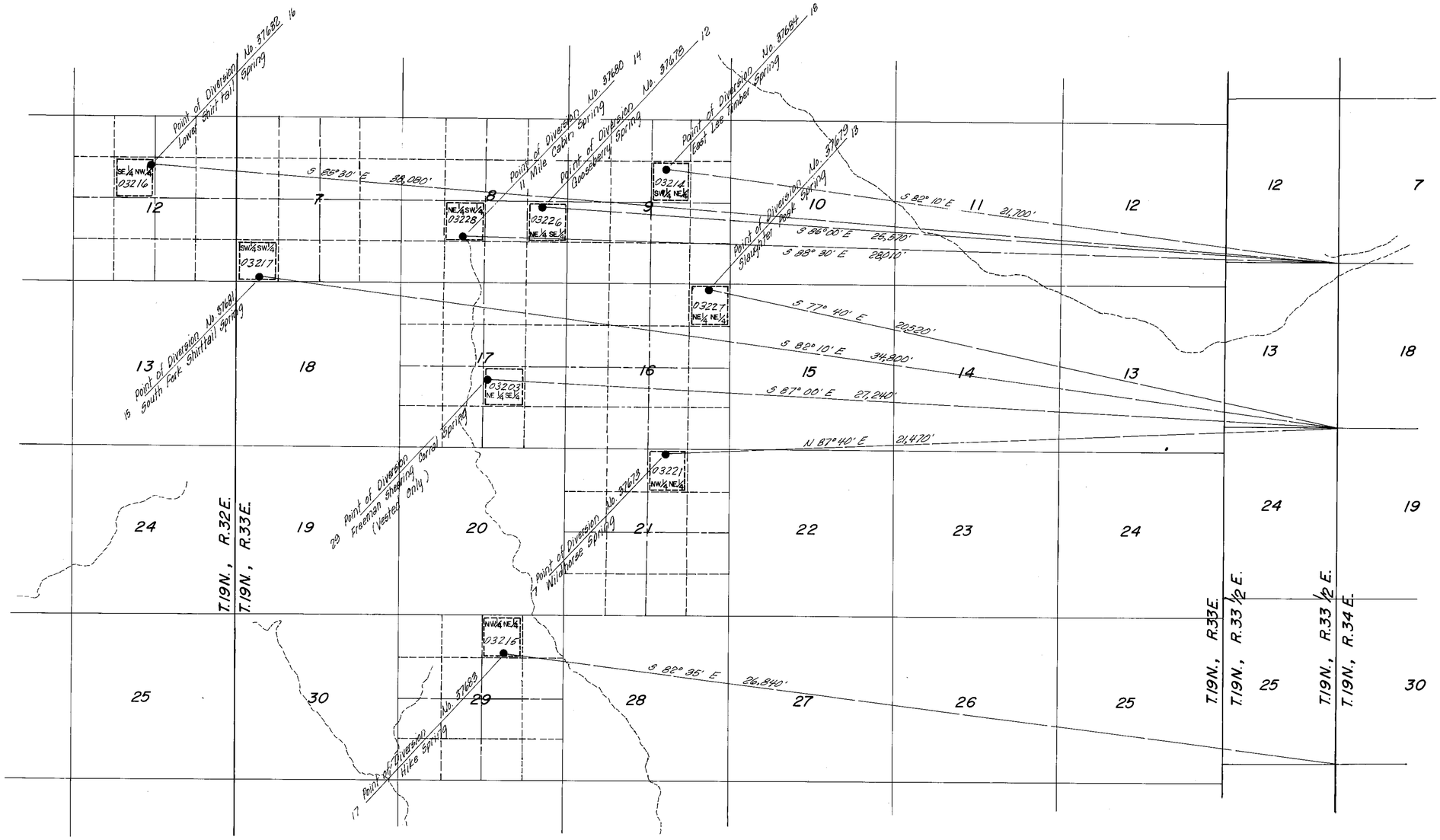
OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 50

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR STOCKWATERING
BY
IRA H. & NINA K. KENT

CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217

03216, 03215, 03214, 03210, 03209, 03208, 03207, 03206, 03205, 03204, 03203 Filed Under



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E. P. Osgood, Jr.
E. P. Osgood, Jr.
State Water Right Surveyor No. 294

Subscribed and sworn to before me
this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARTIN HAMWICK
Notary Public - State of Nevada
Washoe County
My Commission expires: May 6, 1981

Wpaum Hamwick
Notary Public

OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 51

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR
STOCKWATERING
BY
IRA H. & NINA K. KENT
AND SILVER RANGE RANCH
CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217, 03216, 03215, 03214, 03203 — Filed Under



Site Search

Permit Information

New Search

App/Permit: V03209
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
KENT, IRA H.	B	0	0	0				
KENT, NINA K.	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
KENT, IRA H.
KENT, NINA K.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V03210

BASIN: Fairview Valley (124) **COUNTY:** Churchill

LATITUDE: 39.44253 **LONGITUDE:** -118.333804

OWNERSHIP:	Kent, Ira H. and Nina K.
PRIORITY DATE:	1/1/1905
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NE¼NE¼ Section 12, T.18N., R.32E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	1000 cattle or 5000 sheep
PLACE OF USE:	NE¼NE¼ Section 12, T.18N., R.32E., M.D.M.
DIVERSION RATE:	0.002 cfs
ALLOWED DUTY:	afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Fitzcorral Spring

POD PARCEL:	Churchill County APN 003-051-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-051-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

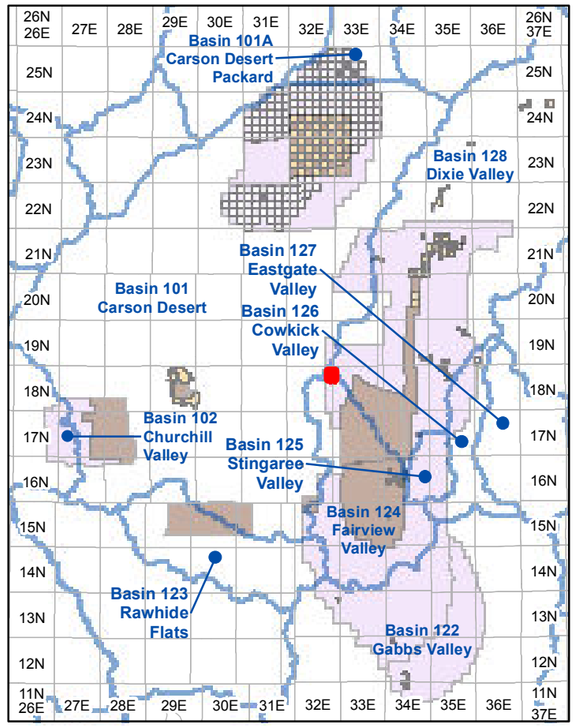
Vested Right V03210

The current owner of Vested Right V03210 is Ira H. and Nina K. Kent. The vested right was filed in the office of the State Engineer on August 7, 1979. It has a priority date of January 01, 1905 and an allowed diversion rate of 0.002 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

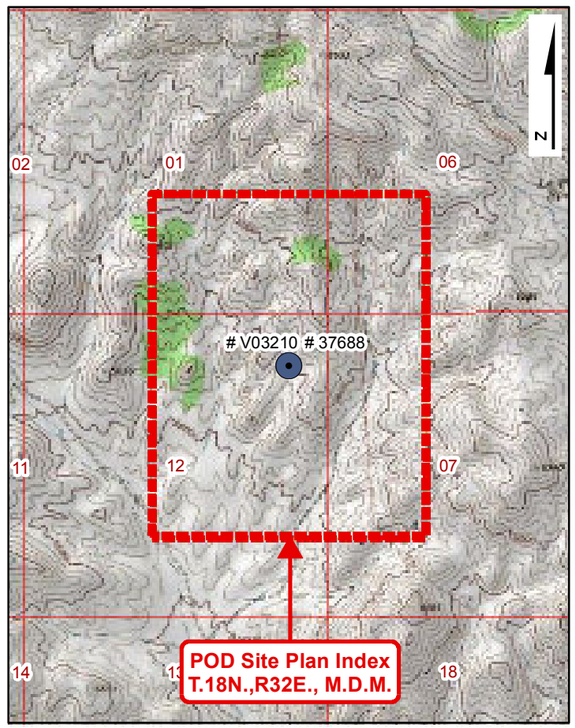
The point of diversion is located within the NE¼NE¼ Section 12, Township 18N, Range 32E, MDM. The permitted place of use is in the Fairview Valley Basin within Churchill County APN 003-051-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
NE	NE	12	18N	32E	1000 cattle or 5000 sheep

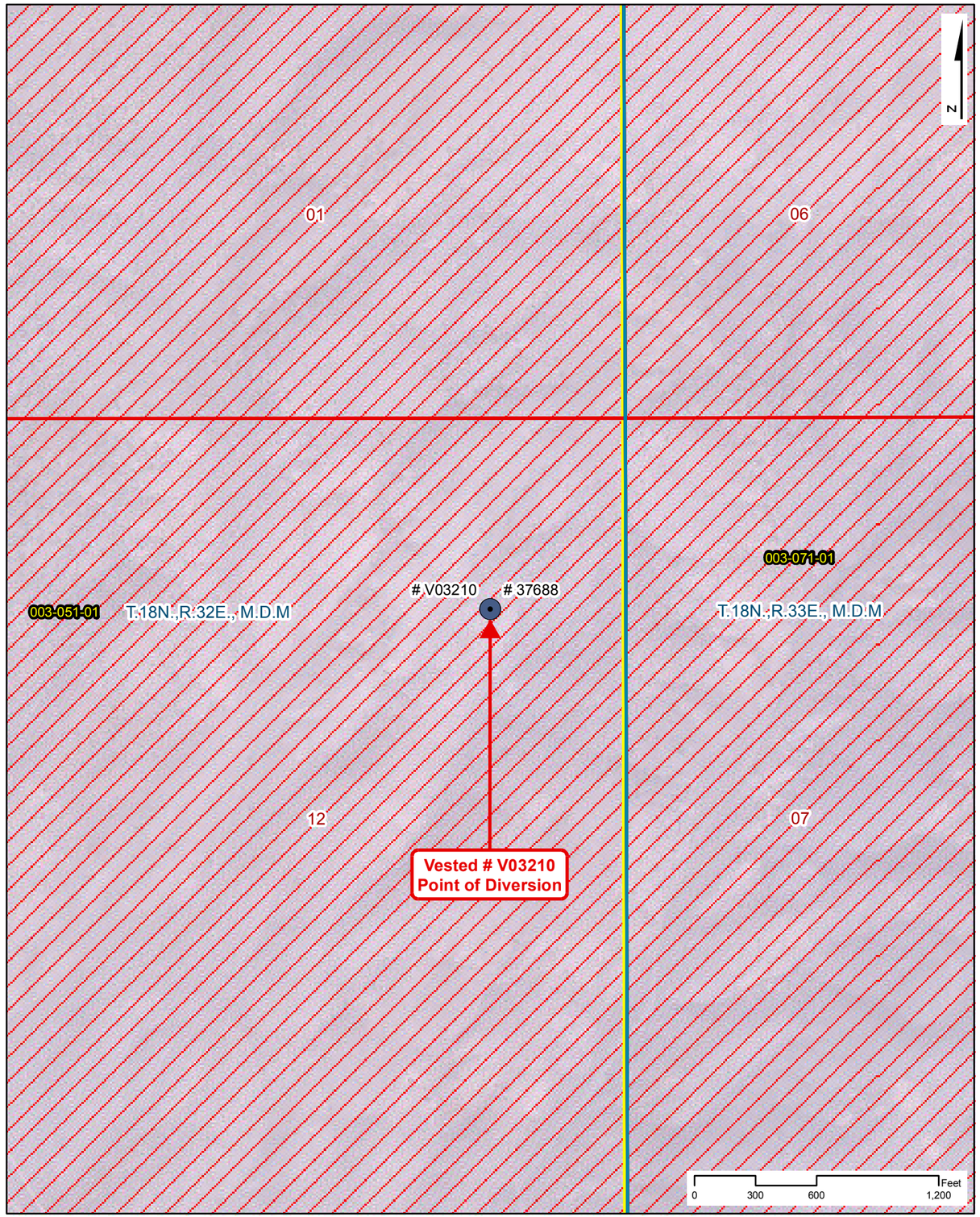
Vested Right V03210 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V03210

BASIN: Fairview Valley (124) **COUNTY: Churchill**
LATITUDE: 39.44253 **LONGITUDE: -118.333804**
POINT OF DIVERSION: NE1/4,NE1/4, Section 12, T.18N.,R32E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Kent, Ira H. and Nina K.

PRIORITY DATE: 1/1/1905
FILING DATE: 8/7/1979
STATUS: Vested

USE UNITS

1000 Cattle or 5000 Sheep

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.002 CFS
ALLOWED DUTY: AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-051-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V03210

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 10:46:21 AM

2.2

Serial No. 03210

THE STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING PURPOSES

(1) Name of claimant Ira H. and Nina K. Kent

13333 Stillwater Road (Street and No. or P.O. Box No.) of Fallon (City or town)

Nevada 89406 (State and Zip Code No.)

(2) Source of water Fitzcorral Spring (Name of natural water source.)

(3) The water is diverted by spring box with 100 feet pipe to stock water trough (Dam, ditch, pipe line, natural channel, spring area, etc.)

(4) The water is diverted at the following point(s) NE¼ NE¼ Section 12, T18N, R32E, M.D.M. (unsurveyed) or at a point from which the southwest corner of Section 1, T18N, R33½E, M.D.M., bears N 87° 20' E, 32370 feet, distant. (Calculated from geological survey map.)

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such reach.

(5) The water is impounded in stock water trough (Troughs; tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun prior to 1905 (Date) and completed ..... (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is public domain with grazing permit (Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right ~~was~~ (was not) recorded in the office of the County Recorder of ..... County, at Page ..... of Book ..... of .....

NOTE—Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

FILED
Aug. 7, 1979
STATE ENGINEER'S OFFICE

(9) The approximate number of animals watered by the claimant during the first year 1905± (Date) was 1000 cattle or ~~horses~~ 5000 sheep or ..... (Other) The watering was conducted during each of the following months all year except the range is closed through part of October and November

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:

1905 to 1918 - 1000± cattle

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

1918 to 1941 - 5000 sheep 150 cattle

1942 to 1943 - Range closed for aerial gunnery practice

1943 to 1979 - 600 to 900 cattle

(11) The amount of water which has been necessary to be diverted for this purpose has been.....

0.00223 cubic feet per second.

448.83 gal. per min. equals 1 cubic foot per second.

(12) The works are located at NE¼ NE¼ Section 12, T18N, R32E, M.D.M. (Unsurveyed)

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks.....

Remarks.....

.....

.....

.....

.....

.....

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by.....

are full and correct to the best of his knowledge and belief.

.....

If proof is not made by claimant, deponent should state on this line by virtue of what authority he represents the claimant.

.....

Geo. W. Hunt

Claimant

Geo. W. Hunt

By Geo. W. Hunt

13333 Stillwater Road

Street and No., or P.O. Box No.

Fallon, Nevada 89406

City, State, Zip Code No.

Subscribed and sworn to before me this 18th day of July, 19 79.

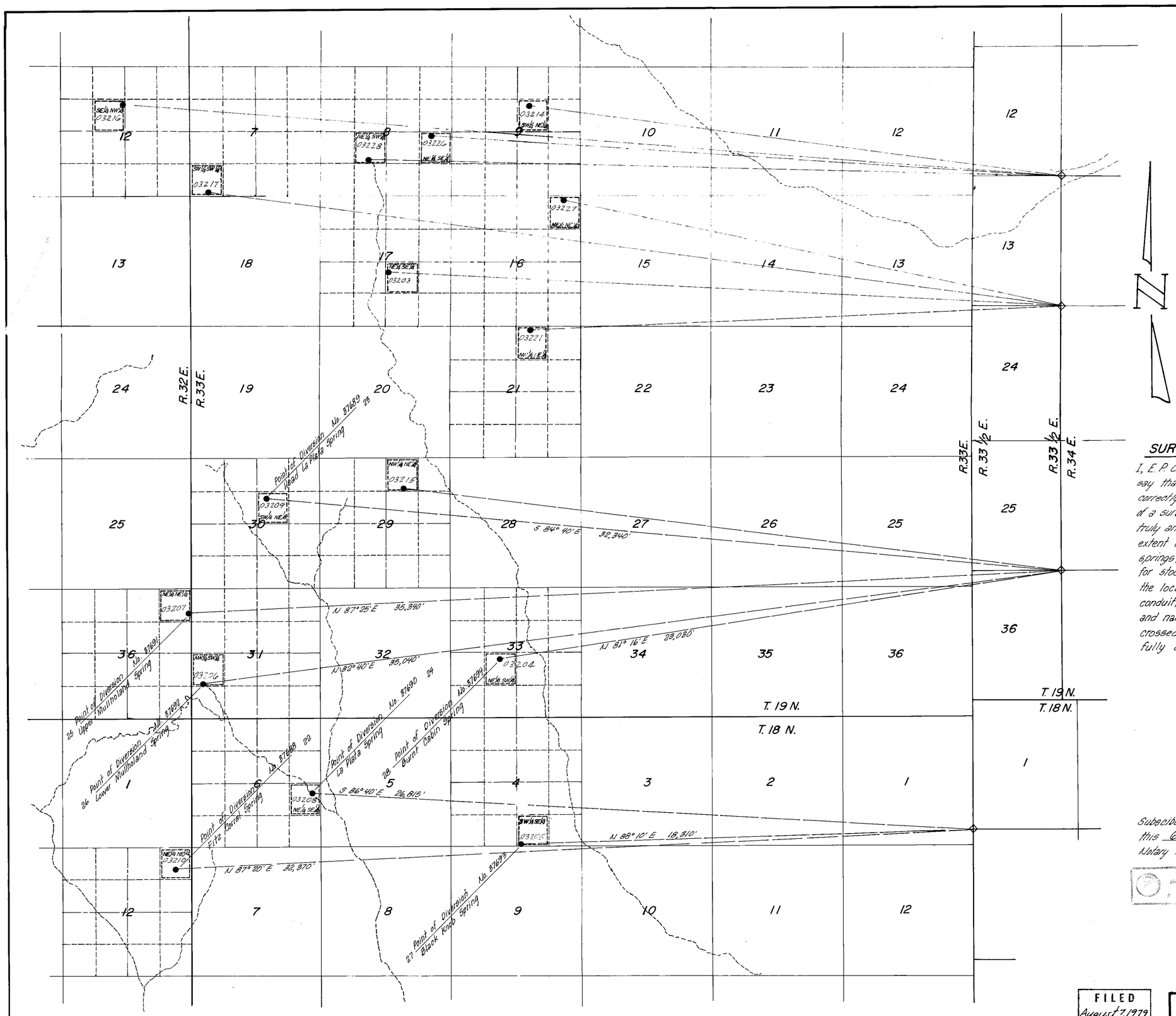
Vee Ann Fiedrich

Notary Public in and for the County of Washoe

My commission expires May 27, 1981

VEE ANN FIEDRICH
Notary Public — State of Nevada
Washoe County
My Commission expires May 27, 1981

$10 FILING FEE MUST ACCOMPANY PROOF



SCALE 1" = 2000'

Basis of Bearings: Calculated from Nevada Protraction Diagram by the Bureau of Land Management.

SURVEYOR'S CERTIFICATE:

I, E. P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey made by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood Jr.

E. P. Osgood, Jr. St. Wtr. Rt. Surveyor No. 294

Subscibed and sworn to before me this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARVIN HAMRICK
Notary Public - State of Nevada
Washoe County
My Commission expires May 5, 1981

Marvin Hamrick
Notary Public

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

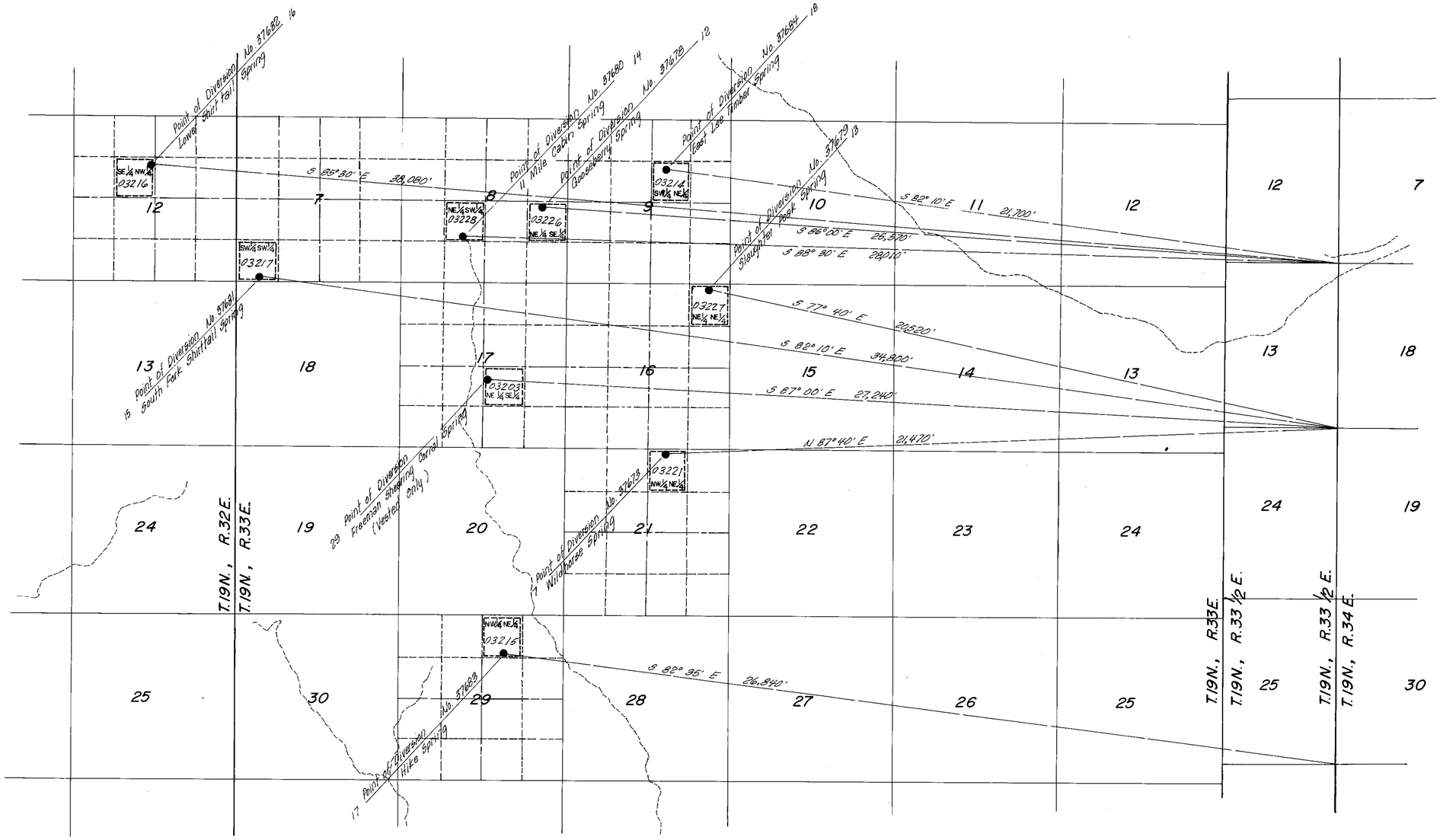
OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 50

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR STOCKWATERING
BY
IRA H. & NINA K. KENT

CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217

03216, 03215, 03214, 03210, 03209, 03208, 03207, 03206, 03205, 03204, 03203 Filed Under



SURVEYOR'S CERTIFICATE:

I, E.P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey performed by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent and Silver Range Ranch for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood, Jr.
E. P. Osgood, Jr.
State Water Right Surveyor No. 294

Subscribed and sworn to before me
this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARTIN HAMWICK
Notary Public - State of Nevada
Washoe County
My Commission expires: May 6, 1981

Wpaum Hamwick
Notary Public

OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 51

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR
STOCKWATERING
BY
IRA H. & NINA K. KENT
AND SILVER RANGE RANCH
CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217, 03216, 03215, 03214, 03203 — Filed Under

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: V03210
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
KENT, IRA H. AND NINA K. KENT	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
KENT, IRA H. AND NINA K. KENT

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V03215

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.48515 **LONGITUDE:** -118.301201

OWNERSHIP:	Kent, Ira H. and Nina K., Silver Range Ranch
PRIORITY DATE:	1/1/1905
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NW¼NE¼ Section 29, T.19N., R.33E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	1000 cattle or 5000 sheep
PLACE OF USE:	NW¼NE¼ Section 29, T.19N., R.33E., M.D.M.
DIVERSION RATE:	0.007 cfs
ALLOWED DUTY:	4.85 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Hike Spring

POD PARCEL:	Churchill County APN 003-231-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-231-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

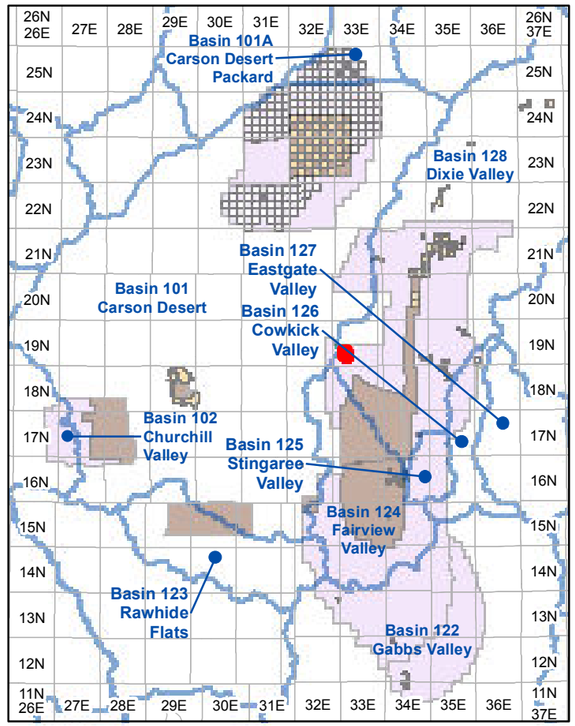
Vested Right V03215

The current owner of Vested Right V03215 is Ira H. and Nina K. Kent, and Silver Range Ranch. The vested right was filed in the office of the State Engineer on August 7, 1979. It has a priority date of January 01, 1905 and a total duty of 4.85 acre-feet annually with an allowed diversion rate of 0.007 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

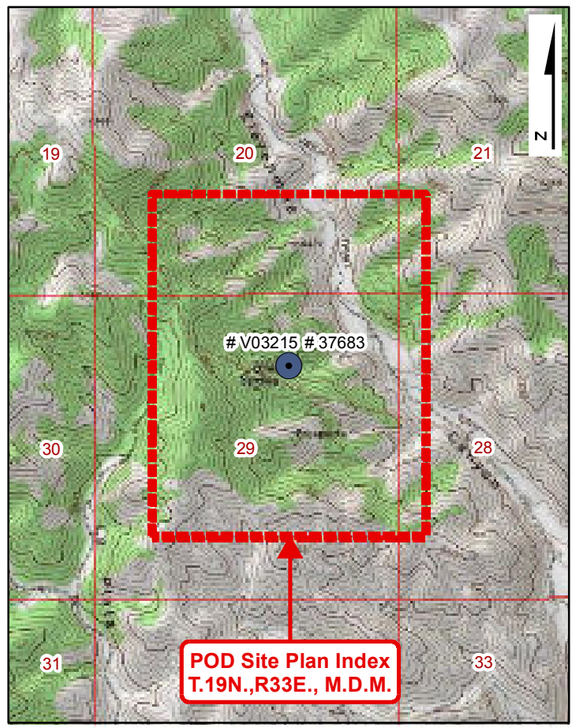
The point of diversion is located within the NW¼NE¼ Section 29, Township 19N, Range 33E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-231-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
NW	NE	29	19N	33E	1000 cattle or 5000 sheep

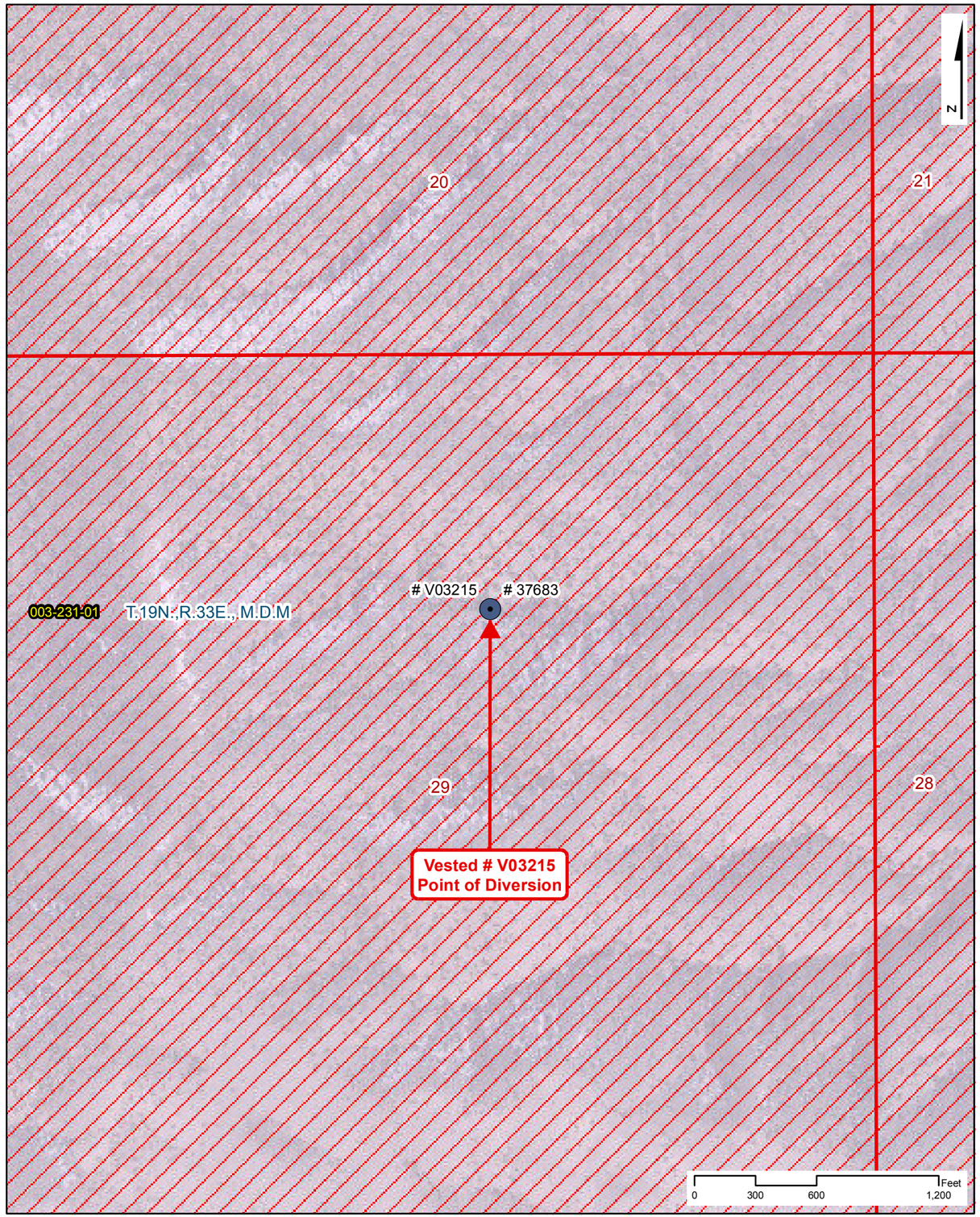
Vested Right V03215 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V03215

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.48515 — **LONGITUDE: -118.301201**
POINT OF DIVERSION: NW1/4,NE1/4, Section 29, T.19N.,R33E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Kent, Ira H. and Nina K. and Silver Range Ranch

PRIORITY DATE: 1/1/1905
FILING DATE: 8/7/1979
STATUS: Vested

USE UNITS

1000 Cattle or 5000 Sheep

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.007 CFS
ALLOWED DUTY: 4.850 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-231-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V03215

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd =- GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:46:23 AM

11

Serial No. 03215

THE STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING PURPOSES

(1) Name of claimant Ira H. and Nina K. Kent and Silver Range Ranch

13333 Stillwater Road (Street and No. or P.O. Box No.) of Fallon (City or town)

Nevada 89406 (State and Zip Code No.)

(2) Source of water Hike Spring (Name of natural water source.)

(3) The water is diverted by spring box with 1/4 mile of pipe to seven (Dam, ditch, pipe line, natural channel, spring area, etc.)

stock water troughs

(4) The water is diverted at the following point(s) NW¼ NE¼ Section 29, T19N, R33E, (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such reach.)

M.D.M. (unsurveyed) or at a point from which the southwest corner of Section 30 T19N, R34E, M.D.M. bears S 82° 35' E, 26840 feet, distant (Calculated form geological survey map.)

(5) The water is impounded in stock water troughs (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun Prior to 1905 (Date)

and completed ..... (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is public domain with grazing permit (Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right ~~was~~ (was not) recorded in the office of the County Recorder of .....County, at Page.....of Book.....of.....

NOTE—Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

FILED
Aug 7, 1979
STATE ENGINEER'S OFFICE

(9) The approximate number of animals watered by the claimant during the first year 1905± (Date);

was 1000 cattle or ~~horses~~ 5000 sheep or ..... (Other). The watering

was conducted during each of the following months .....

All year except the range is closed through part of October and

November

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:

1905 - 1918 1000 cattle

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

1918 - 1941 5000 sheep 150 cattle

1941 - 1943 Range closed for aerial gunnery practice

1943 - 1979 600 to 900 cattle

(11) The amount of water which has been necessary to be diverted for this purpose has been.....

0.00669 cubic feet per second.

448.83 gal. per min. equals 1 cubic foot per second.

(12) The works are located at NW¼ NE¼ Section 29, T19N R33E, M.D.M. (unsurveyed)

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks

Remarks.....

.....

.....

.....

.....

.....

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by.....

are full and correct to the best of his knowledge and belief.

.....

If proof is not made by claimant, deponent should state on this line by virtue of what authority he represents the claimant.

.....

Silver Range Ranch

Lee W. Gust

Claimant

Vee Ann Fiedrich

By Lee W. Gust

13333 Stillwater Road

Street and No., or P.O. Box No.

Fallon, Nevada 89406

City, State, Zip Code No.

Subscribed and sworn to before me this 18th day of July, 19 79.

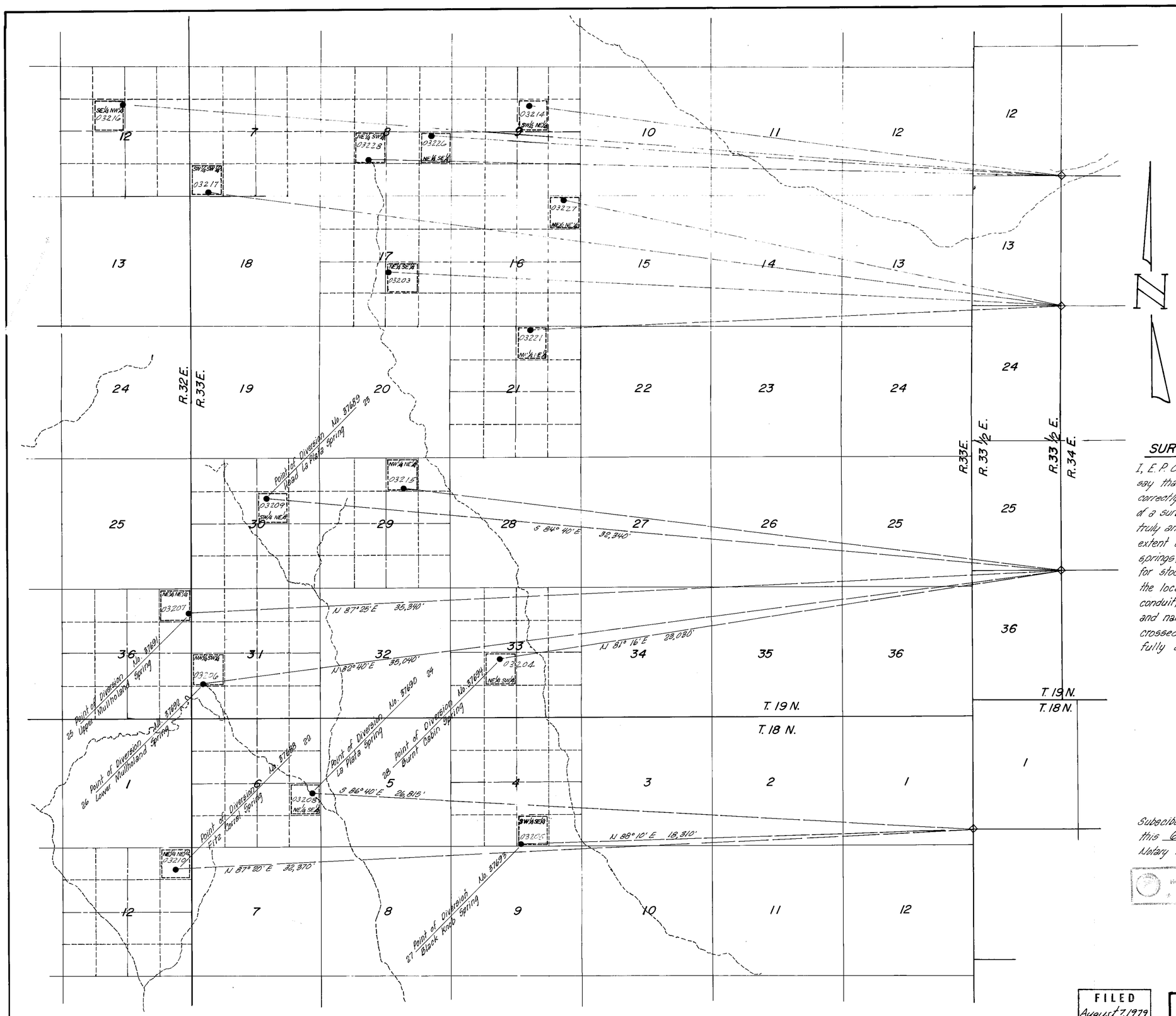
Vee Ann Fiedrich

Notary Public in and for the County of Washoe

My commission expires May 27, 1981

VEE ANN FIEDRICH
Notary Public — State of Nevada
Washoe County
My Commission expires May 27, 1981

$10 FILING FEE MUST ACCOMPANY PROOF



SCALE 1" = 2000'

Basis of Bearings: Calculated from Nevada Protraction Diagram by the Bureau of Land Management.

SURVEYOR'S CERTIFICATE:

I, E. P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey made by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood Jr.

E. P. Osgood, Jr. St. Wtr. Rt. Surveyor No. 294

Subscibed and sworn to before me this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARVIN HAMRICK
Notary Public - State of Nevada
Washoe County
My Commission expires May 5, 1981

Marvin Hamrick
Notary Public

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

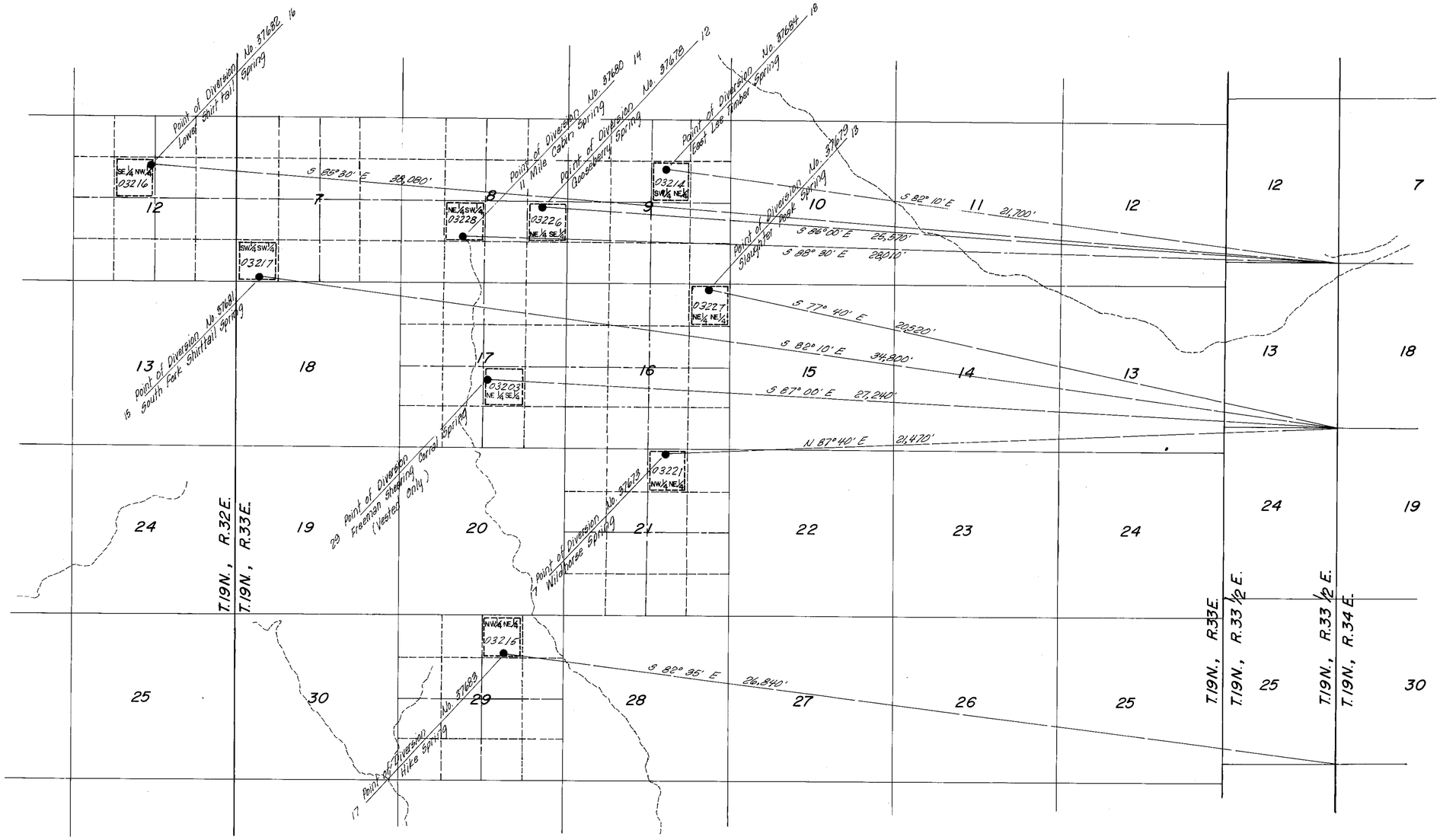
OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 50

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR STOCKWATERING
BY
IRA H. & NINA K. KENT

CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217

03216, 03215, 03214, 03210, 03209, 03208, 03207, 03206, 03205, 03204, 03203 Filed Under



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E. P. Osgood, Jr.
E. P. Osgood, Jr.
State Water Right Surveyor No. 294

Subscribed and sworn to before me
this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARTIN HAMWICK
Notary Public - State of Nevada
Washoe County
My Commission expires: May 6, 1981

Wpaum Hamwick
Notary Public

OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 51

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR
STOCKWATERING
BY
IRA H. & NINA K. KENT
AND SILVER RANGE RANCH
CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217, 03216, 03215, 03214, 03203 — Filed Under

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: V03215
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
KENT, NINA K.	B	0	0	0				
KENT, IRA H.	B	0	0	0				
SILVER RANGE RANCH	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
KENT, NINA K.
KENT, IRA H.
SILVER RANGE RANCH

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V03215

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.48515 **LONGITUDE:** -118.301201

OWNERSHIP:	Kent, Ira H. and Nina K., Silver Range Ranch
PRIORITY DATE:	1/1/1905
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NW¼NE¼ Section 29, T.19N., R.33E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	1000 cattle or 5000 sheep
PLACE OF USE:	NW¼NE¼ Section 29, T.19N., R.33E., M.D.M.
DIVERSION RATE:	0.007 cfs
ALLOWED DUTY:	4.85 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Hike Spring

POD PARCEL:	Churchill County APN 003-231-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-231-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

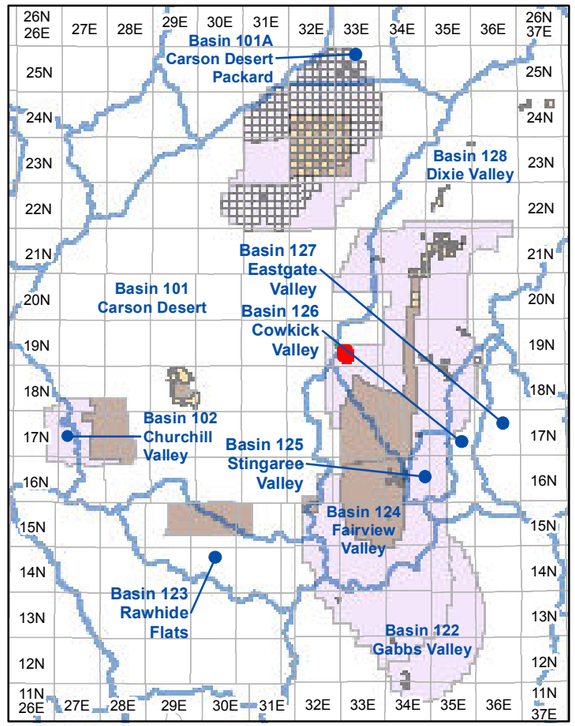
Vested Right V03215

The current owner of Vested Right V03215 is Ira H. and Nina K. Kent, and Silver Range Ranch. The vested right was filed in the office of the State Engineer on August 7, 1979. It has a priority date of January 01, 1905 and a total duty of 4.85 acre-feet annually with an allowed diversion rate of 0.007 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

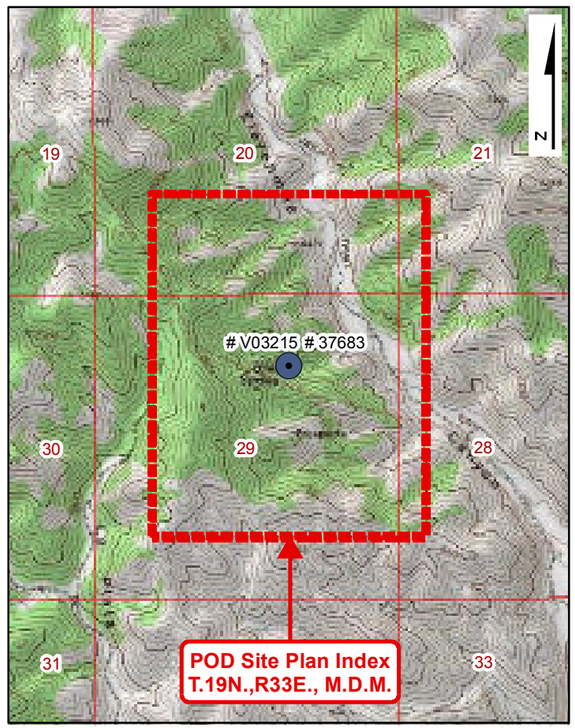
The point of diversion is located within the NW¼NE¼ Section 29, Township 19N, Range 33E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-231-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
NW	NE	29	19N	33E	1000 cattle or 5000 sheep

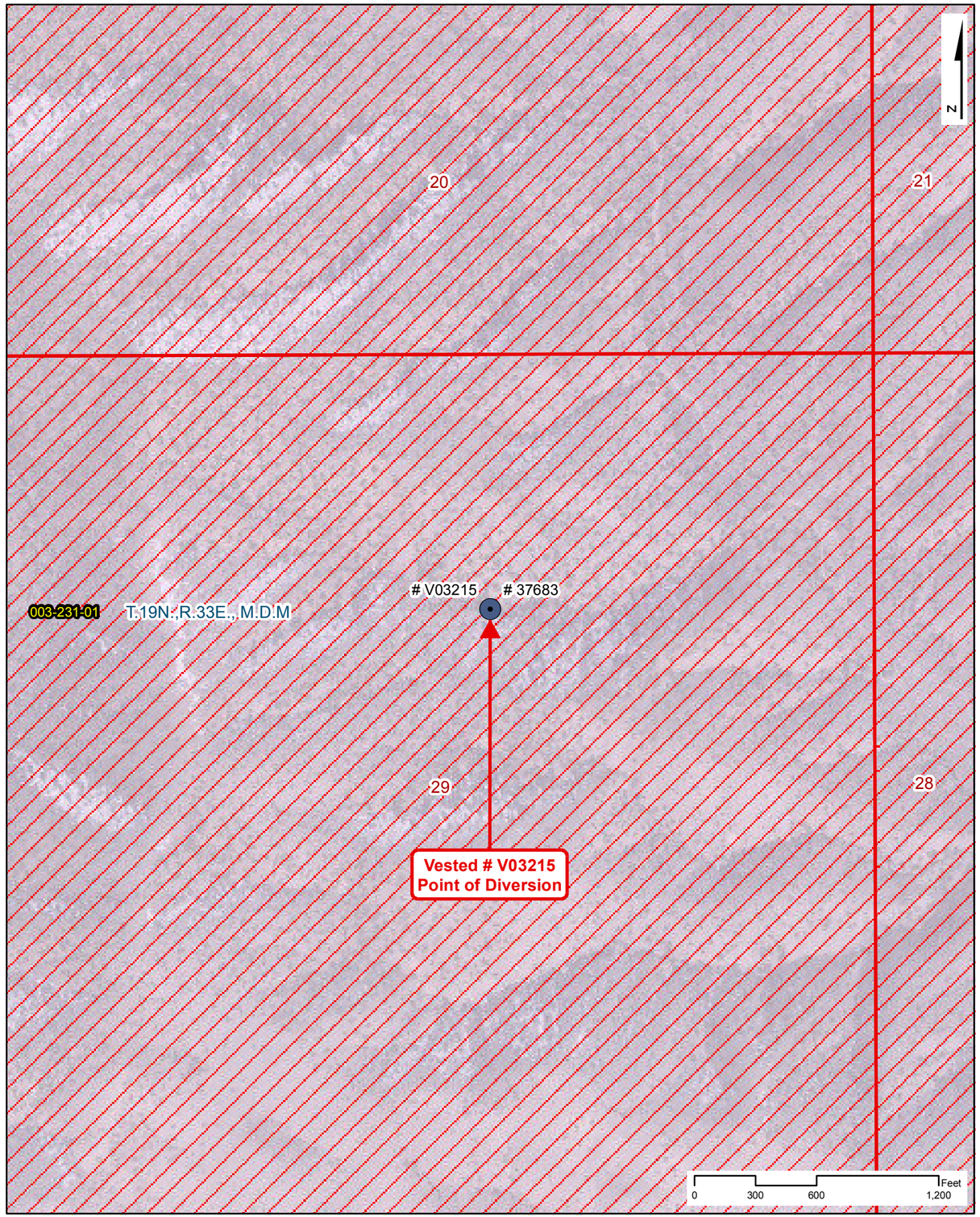
Vested Right V03215 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V03215

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.48515 — **LONGITUDE: -118.301201**
POINT OF DIVERSION: NW1/4,NE1/4, Section 29, T.19N.,R33E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Kent, Ira H. and Nina K. and Silver Range Ranch

PRIORITY DATE: 1/1/1905
FILING DATE: 8/7/1979
STATUS: Vested

USE UNITS

1000 Cattle or 5000 Sheep

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.007 CFS
ALLOWED DUTY: 4.850 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-231-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V03215

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd =- GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:46:23 AM

11

Serial No. 03215

THE STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING PURPOSES

(1) Name of claimant Ira H. and Nina K. Kent and Silver Range Ranch

13333 Stillwater Road (Street and No. or P.O. Box No.) of Fallon (City or town)

Nevada 89406 (State and Zip Code No.)

(2) Source of water Hike Spring (Name of natural water source.)

(3) The water is diverted by spring box with 1/4 mile of pipe to seven (Dam, ditch, pipe line, natural channel, spring area, etc.)

stock water troughs

(4) The water is diverted at the following point(s) NW¼ NE¼ Section 29, T19N, R33E, (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such reach.)

M.D.M. (unsurveyed) or at a point from which the southwest corner of Section 30 T19N, R34E, M.D.M. bears S 82° 35' E, 26840 feet, distant (Calculated form geological survey map.)

(5) The water is impounded in stock water troughs (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun Prior to 1905 (Date)

and completed ..... (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is public domain with grazing permit (Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right ~~was~~ (was not) recorded in the office of the County Recorder of .....County, at Page.....of Book.....of.....

NOTE—Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

FILED
Aug 7, 1979
STATE ENGINEER'S OFFICE

(9) The approximate number of animals watered by the claimant during the first year 1905± (Date);

was 1000 cattle or ~~horses~~ 5000 sheep or ..... (Other). The watering

was conducted during each of the following months .....

All year except the range is closed through part of October and

November

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:

1905 - 1918 1000 cattle

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

1918 - 1941 5000 sheep 150 cattle

1941 - 1943 Range closed for aerial gunnery practice

1943 - 1979 600 to 900 cattle

(11) The amount of water which has been necessary to be diverted for this purpose has been.....

0.00669 cubic feet per second.

448.83 gal. per min. equals 1 cubic foot per second.

(12) The works are located at NW¼ NE¼ Section 29, T19N R33E, M.D.M. (unsurveyed)

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks

Remarks.....

.....

.....

.....

.....

.....

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by.....

are full and correct to the best of his knowledge and belief.

.....

If proof is not made by claimant, deponent should state on this line by virtue of what authority he represents the claimant.

.....

Silver Range Ranch

Lee W. Gust

Claimant

Vee Ann Fiedrich

By Lee W. Gust

13333 Stillwater Road

Street and No., or P.O. Box No.

Fallon, Nevada 89406

City, State, Zip Code No.

Subscribed and sworn to before me this 18th day of July, 19 79.

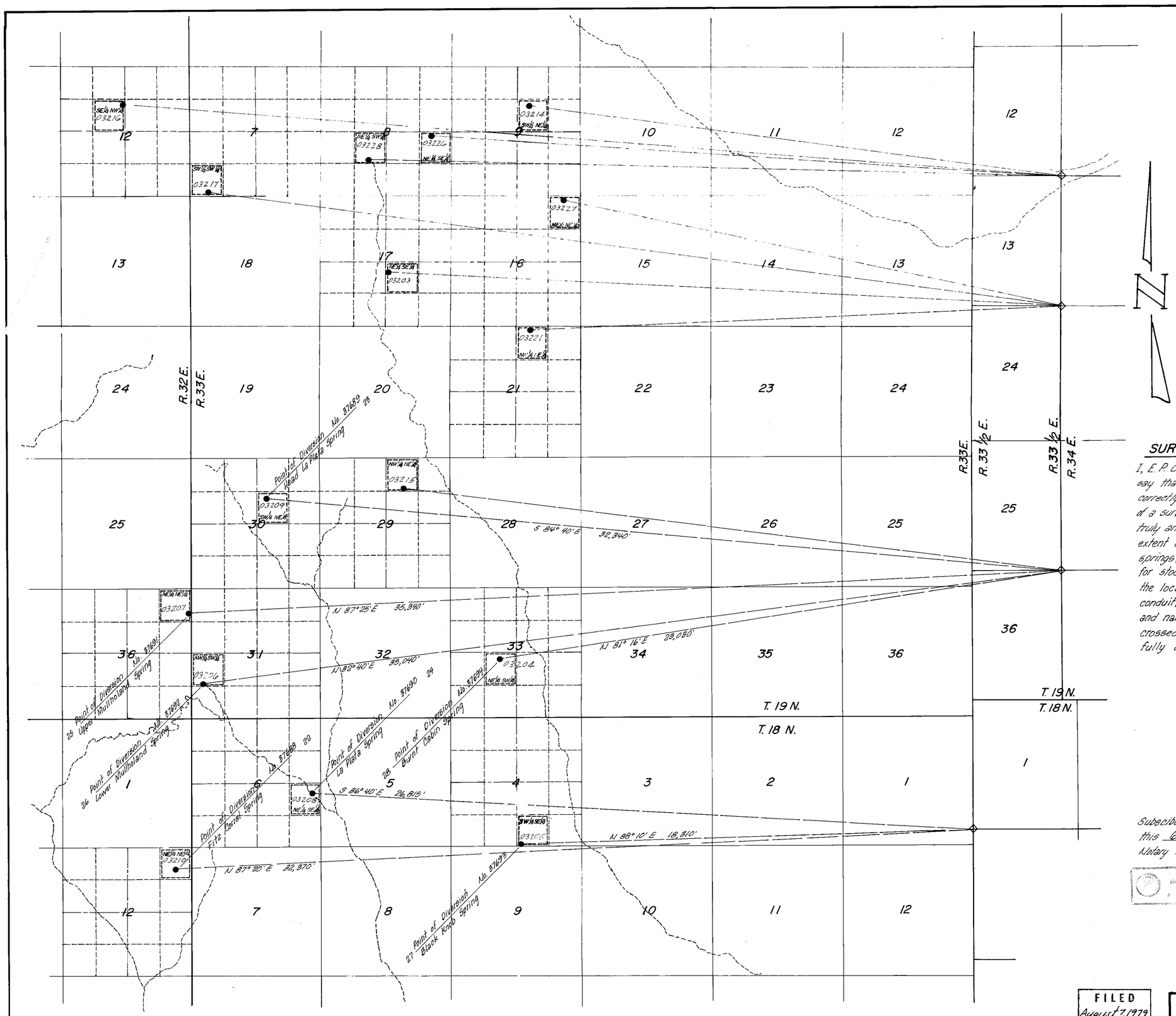
Vee Ann Fiedrich

Notary Public in and for the County of Washoe

My commission expires May 27, 1981

VEE ANN FIEDRICH
Notary Public — State of Nevada
Washoe County
My Commission expires May 27, 1981

$10 FILING FEE MUST ACCOMPANY PROOF



SCALE 1" = 2000'

Basis of Bearings: Calculated from Nevada Protraction Diagram by the Bureau of Land Management.

SURVEYOR'S CERTIFICATE:

I, E. P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey made by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood Jr.

E. P. Osgood, Jr. St. Wtr. Rt. Surveyor No. 294

Subscibed and sworn to before me this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARVIN HAMRICK
Notary Public - State of Nevada
Washoe County
My Commission expires May 5, 1981

Marvin Hamrick
Notary Public

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

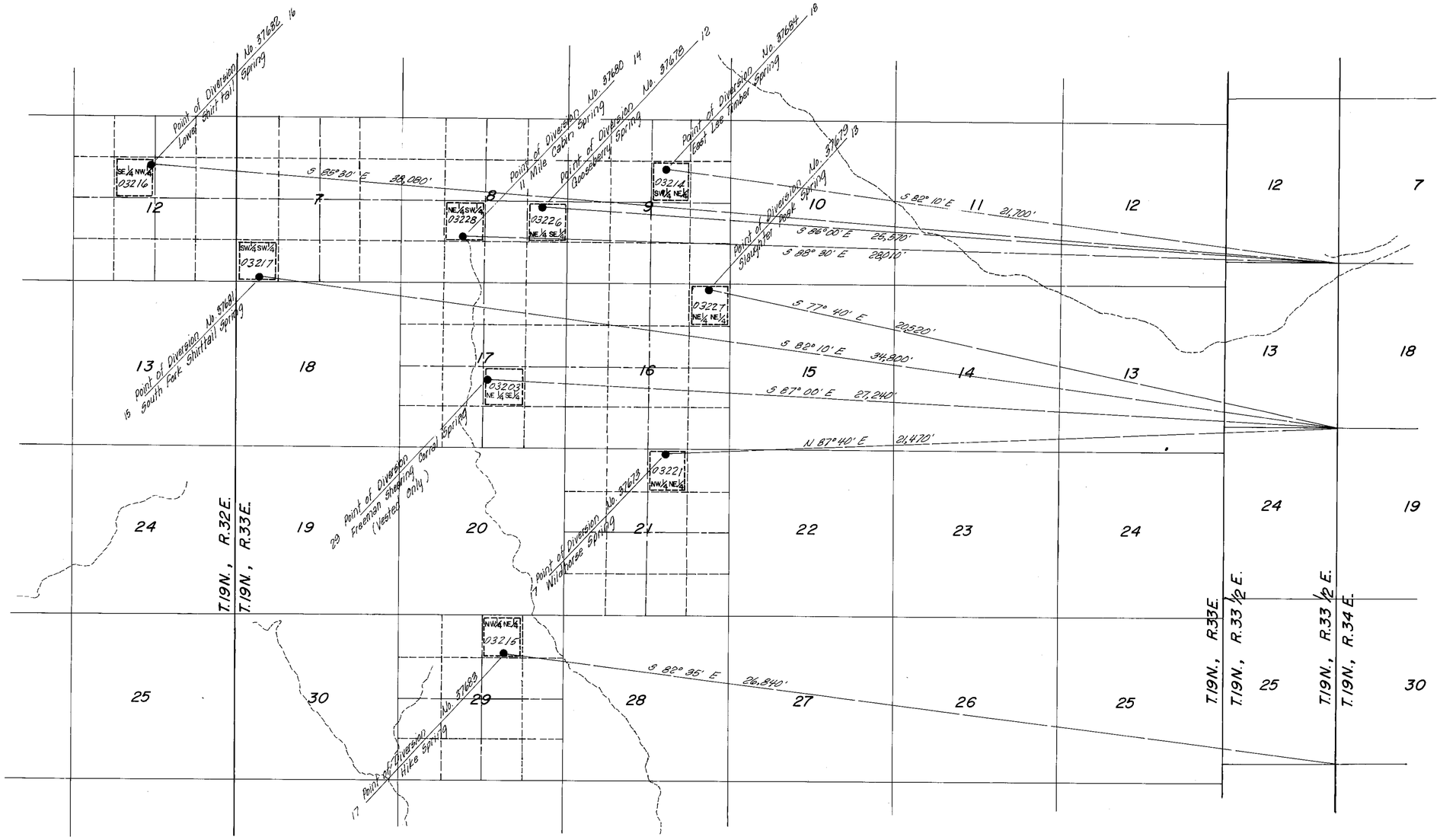
OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 50

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR STOCKWATERING
BY
IRA H. & NINA K. KENT

CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217

03216, 03215, 03214, 03210, 03209, 03208, 03207, 03206, 03205, 03204, 03203 Filed Under



SURVEYOR'S CERTIFICATE:

I, E.P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey performed by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent and Silver Range Ranch for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood, Jr.
E. P. Osgood, Jr.
State Water Right Surveyor No. 294

Subscribed and sworn to before me
this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARTIN HAMWICK
Notary Public - State of Nevada
Washoe County
My Commission expires: May 6, 1981

Wpaum Hamwick
Notary Public

OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 51

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR
STOCKWATERING
BY
IRA H. & NINA K. KENT
AND SILVER RANGE RANCH
CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217, 03216, 03215, 03214, 03203 — Filed Under

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: V03215
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
KENT, NINA K.	B	0	0	0				
KENT, IRA H.	B	0	0	0				
SILVER RANGE RANCH	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
KENT, NINA K.
KENT, IRA H.
SILVER RANGE RANCH

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V03219

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.614233 **LONGITUDE:** -118.223972

OWNERSHIP:	Kent, Ira H. and Nina K. and Silver Sage Ranch
PRIORITY DATE:	1/1/1905
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	SE¼NE¼ Section 12, T.20N., R.33E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	1000 cattle or 5000 sheep
PLACE OF USE:	SE¼NE¼ Section 12, T.20N., R.33E., M.D.M.
DIVERSION RATE:	0.0089 cfs
ALLOWED DUTY:	7.82 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	N/A
REMARKS:	S. Fork Freeman Circle Spring

POD PARCEL:	Churchill County APN 003-451-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-451-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

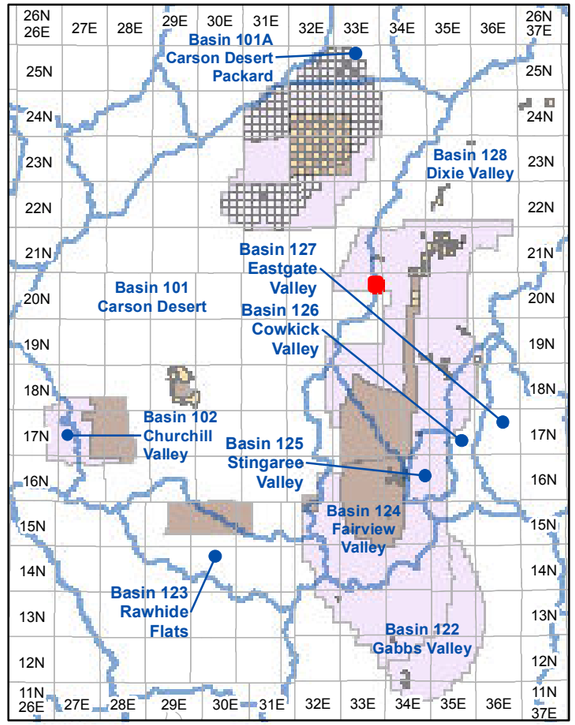
Vested Right V03219

The current owner of Vested Right V03219 is Ira H. and Nina K. Kent, and Silver Range Ranch. The vested right was filed in the office of the State Engineer on August 7, 1979. It has a priority date of January 01, 1905 and a total duty of 7.82 acre-feet annually with an allowed diversion rate of 0.0089 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

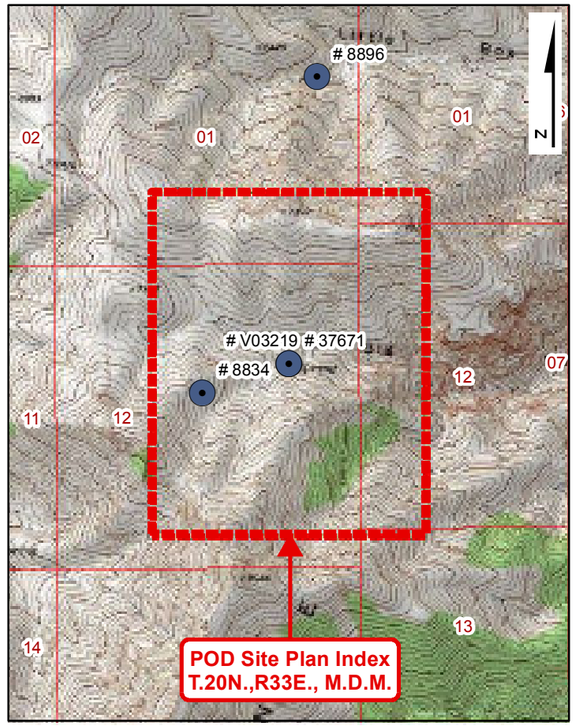
The point of diversion is located within the SE¼NE¼ Section 12, Township 20N, Range 33E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-451-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
SE	NE	12	20N	33E	1000 cattle or 5000 sheep

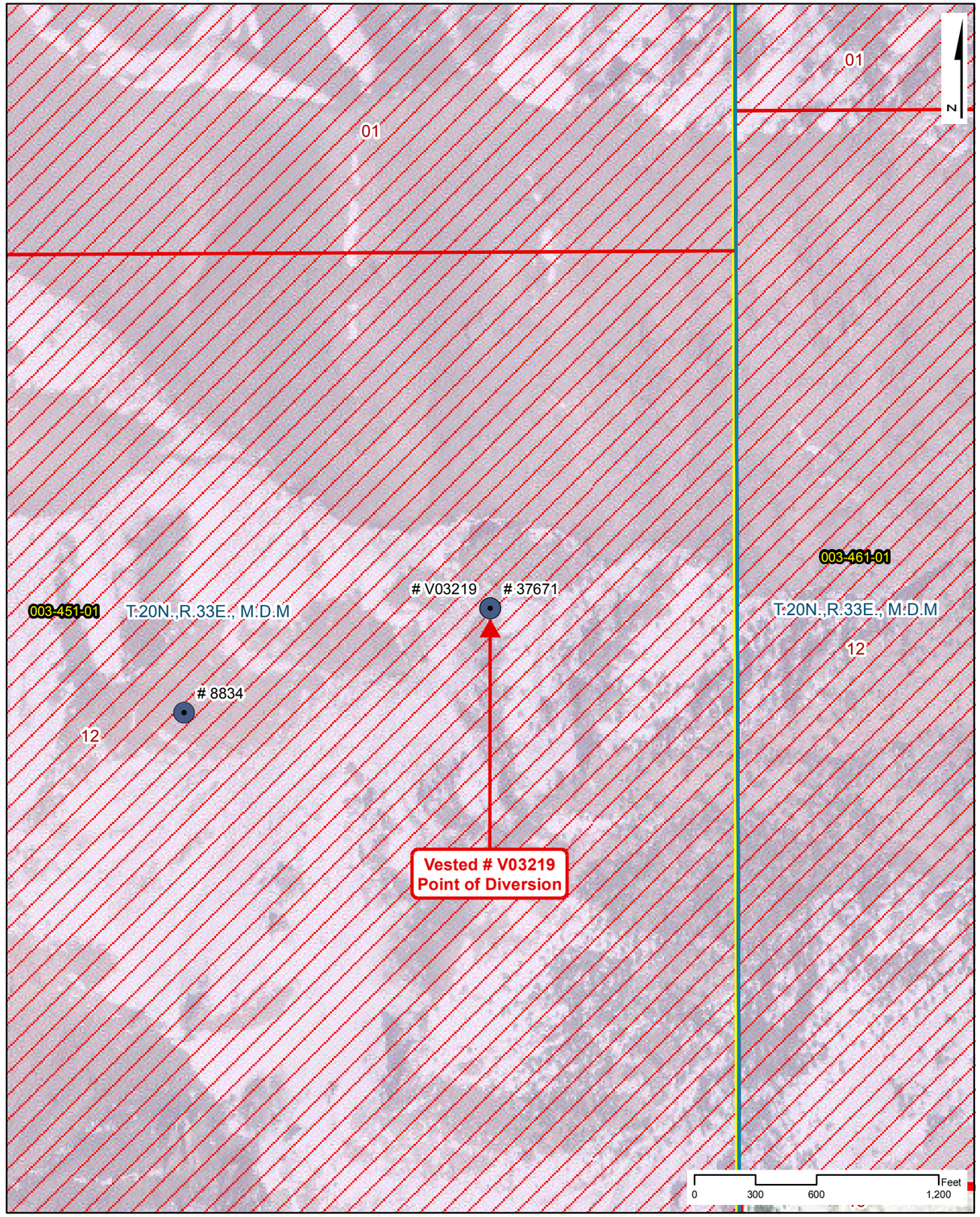
Vested Right V03219 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V03219

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.614233 — **LONGITUDE: -118.223972**
POINT OF DIVERSION: SE1/4,NE1/4, Section 12, T.20N.,R33E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Kent, Ira H. and Nina K. and Silver Range Ranch

PRIORITY DATE: 1/1/1905
FILING DATE: 8/7/1979
STATUS: Vested

USE UNITS

1000 Cattle or 5000 Sheep

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.0089 CFS
ALLOWED DUTY: 7.820 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-451-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V03219

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 10:46:25 AM

Serial No. 03219

THE STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING PURPOSES

(1) Name of claimant Ira H. and Nina K. Kent and Silver Range Ranch

13333 Stillwater Road (Street and No. or P.O. Box No.) of Fallon (City or town)

Nevada 89406 (State and Zip Code No.)

(2) Source of water South Fork Freeman Creek Spring (Name of natural water source.)

(3) The water is diverted by Spring box and five foot pipe to water trough (Dam, ditch, pipe line, natural channel, spring area, etc.)

(4) The water is diverted at the following point(s) SE¼ NE¼ Section 12, T20N, R33E, (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such reach.)

M.D.M. unsurveyed; or at a point from which the SW corner of Section 9 T20N, R34E, M.D.M. bears S 79° 30' E, 15680 feet, distant. (calculated from Geological Survey Map)

(5) The water is impounded in water trough (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun prior to 1905± (Date)

and completed ..... (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is public domain with grazing permit. (Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right ~~was~~ (was not) recorded in the office of the County Recorder of ..... County, at Page ..... of Book ..... of .....

NOTE—Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

FILED
Aug. 7, 1979
STATE ENGINEER'S OFFICE

(9) The approximate number of animals watered by the claimant during the first year 1905‡
Date
was 1000 cattle or ~~horses~~ 5000 sheep or ..... Other The watering was conducted during each of the following months all year except the range is closed through part of October and November.

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:

1905 to 1918 - 1000 cattle

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

1918 to 1941 - 5000 sheep 150 cattle

1941 to 1943 - range closed for aerial gunnery practice

1943 to 1979 - 600 to 900 cattle

(11) The amount of water which has been necessary to be diverted for this purpose has been

0.00982 cubic feet per second.

448.83 gal. per min. equals 1 cubic foot per second.

(12) The works are located at SE¼ NE¼ Section 12, T20N, R33E, M.D.M. (unsurveyed)

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks

Remarks.....

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by.....

are full and correct to the best of his knowledge and belief.

If proof is not made by claimant, deponent should state on this line by virtue of what authority he represents the claimant.

Silver Range Ranch

Claimant

By Gra H Hunt

13333 Stillwater Road
Street and No., or P.O. Box No.

Fallon, Nevada 89406
City, State, Zip Code No.

Subscribed and sworn to before me this 18th day of July, 19 79.

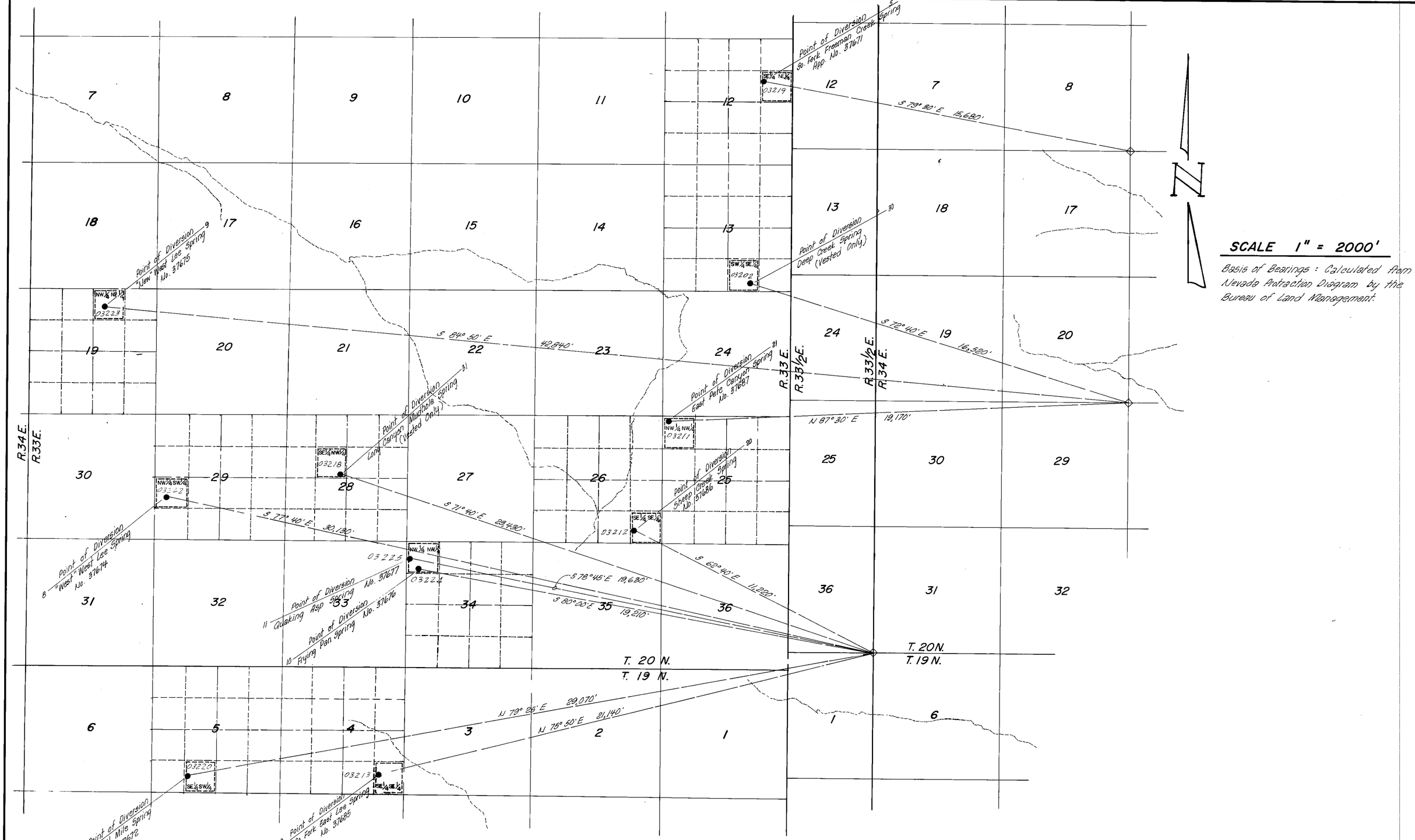
Vee Ann Fiedrich

Notary Public in and for the County of Washoe

My commission expires May 27, 1981

VEE ANN FIEDRICH
Notary Public – State of Nevada
Washoe County
My Commission expires May 27, 1981

$10 FILING FEE MUST ACCOMPANY PROOF



SCALE 1" = 2000'

Basis of Bearings : Calculated from Nevada Protraction Diagram by the Bureau of Land Management.

SURVEYOR'S CERTIFICATE :

I, E.P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey performed by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent and Silver Range Ranch for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with said works, are fully and correctly designated thereon.

E.P. Osgood Jr.
E.P. Osgood, Jr.
State Water Right Surveyor No. 294

Subscribed and sworn to before me this 6th day of August 1979.
Notary Public in and for Washoe Co., Nevada

MARVIN HAMRICK
Notary Public - State of Nevada
Washoe County
My Commission expires May 9, 1981

Marvin Hamrick
Notary Public

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 50

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR STOCKWATERING
BY
IRA H. & NINA K. KENT
AND SILVER RANGE RANCH
CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03225, 03224, 03223, 03222, 03220, 03219, 03218, 03213, 03212, 03211, 03202 Filed Under



Site Search

Permit Information

New Search

App/Permit: V03219
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
KENT, NINA K.	B	0	0	0				
SILVER RANGE RANCH	B	0	0	0				
KENT, IRA H.	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
KENT, NINA K.
SILVER RANGE RANCH
KENT, IRA H.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V03221

BASIN: Dixie Valley (128) **COUNTY:** Churchill

LATITUDE: 39.502615 **LONGITUDE:** -118.283039

OWNERSHIP:	Kent, Ira H. and Nina K. and Silver Sage Ranch
PRIORITY DATE:	1/1/1905
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NW¼NE¼ Section 21, T.19N., R.33E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	1000 cattle or 5000 sheep
PLACE OF USE:	NW¼NE¼ Section 21, T.19N., R.33E., M.D.M.
DIVERSION RATE:	0.004 cfs
ALLOWED DUTY:	3.22 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Wildhorse Spring

POD PARCEL:	Churchill County APN 003-231-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 003-231-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

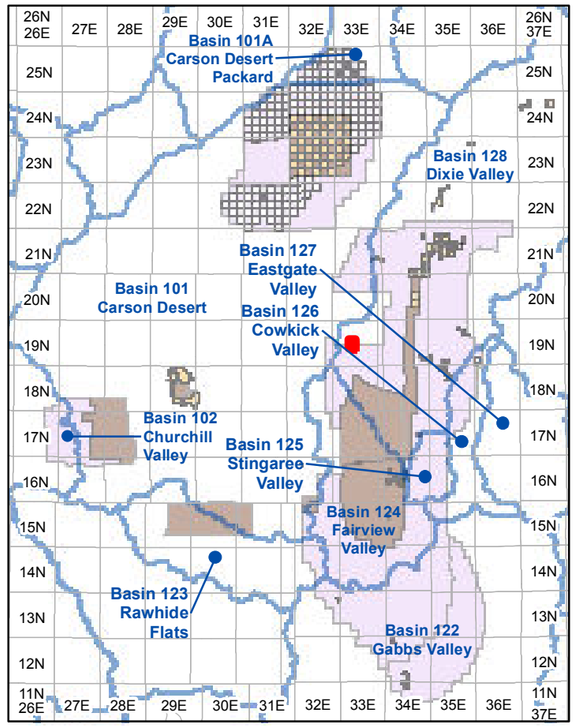
Vested Right V03221

The current owner of Vested Right V03221 is Ira H. and Nina K. Kent and Silver Sage Ranch. The vested right was filed in the office of the State Engineer on August 7, 1979. It has a priority date of January 01, 1905 and a total duty of 3.22 acre-feet annually with an allowed diversion rate of 0.004 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

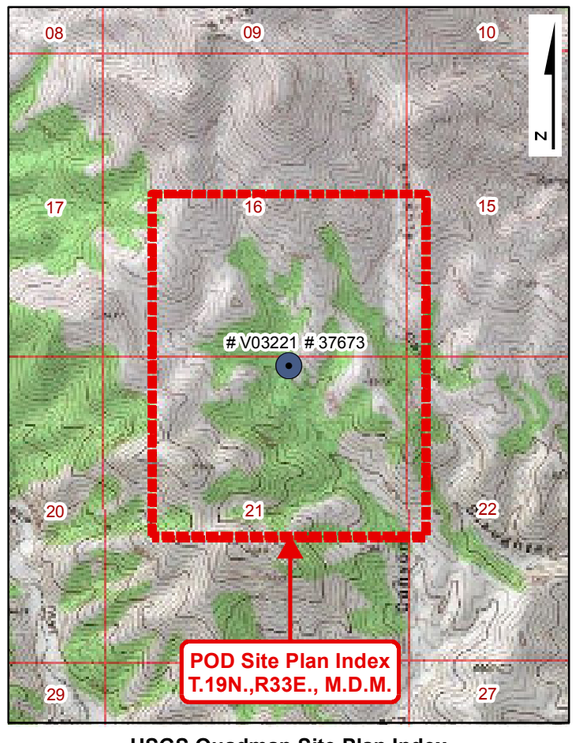
The point of diversion is located within the NW¼NE¼ Section 21, Township 19N, Range 33E, MDM. The permitted place of use is in the Dixie Valley Basin within Churchill County APN 003-231-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
NW	NE	21	19N	33E	1000 cattle or 5000 sheep

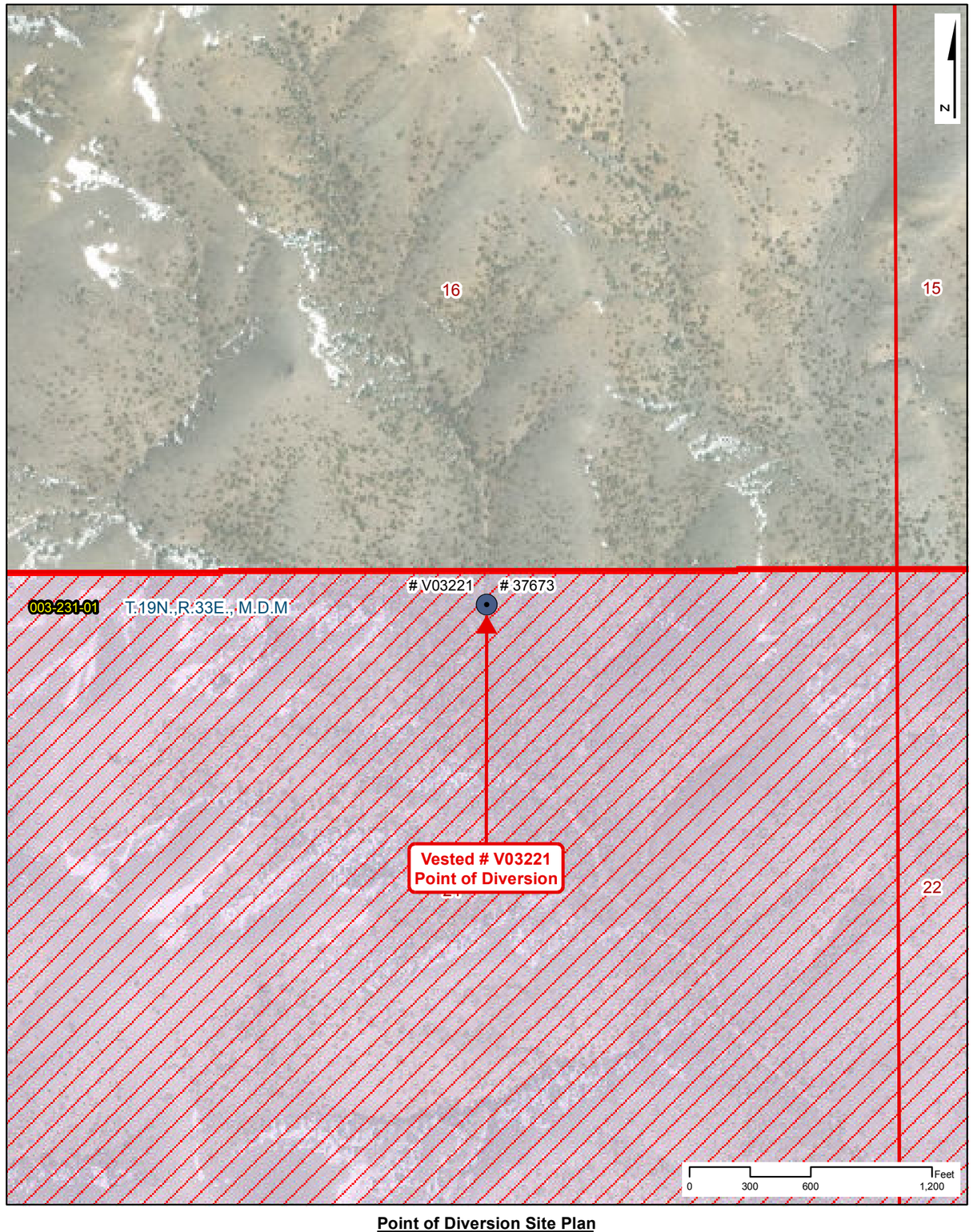
Vested Right V03221 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V03221

BASIN: Dixie Valley (128) — **COUNTY: Churchill**
LATITUDE: 39.502615 — **LONGITUDE: -118.283039**
POINT OF DIVERSION: NW1/4,NE1/4, Section 21, T.19N.,R33E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Kent, Ira H. and Nina K. and Silver Range Ranch

PRIORITY DATE: 1/1/1905
FILING DATE: 8/7/1979
STATUS: Vested

USE UNITS

1000 Cattle or 5000 Sheep

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.004 CFS
ALLOWED DUTY: 3.220 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 003-231-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands
- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands
- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V03221

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd =- GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:46:27 AM

Serial No. 03221

THE STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING PURPOSES

(1) Name of claimant Ira H. and Nina K. Kent and Silver Range Ranch

13333 Stillwater Road (Street and No. or P.O. Box No.) of Fallon (City or town)

Nevada 89406 (State and Zip Code No.)

(2) Source of water Wildhorse Spring (Name of natural water source.)

(3) The water is diverted by spring box with 500 feet 1¼ inch pipe to three water troughs (Dam, ditch, pipe line, natural channel, spring area, etc.)

(4) The water is diverted at the following point(s) NW¼ NE¼ Section 21, T19N, R33E, M.D.M. or at a point from which the SW corner of Section 18 T19N, R34 E, M.D.M. bears N 87° 40' E, 21470 feet distant. (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such reach.)

(Calculated from Geological Survey Map)

(5) The water is impounded in water troughs (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun Prior to 1905 (Date) and completed ..... (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is public domain with grazing permit (Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right ~~was~~ (was not) recorded in the office of the County Recorder of .....County, at Page.....of Book.....of.....

NOTE—Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

FILED
August 7, 1979

(9) The approximate number of animals watered by the claimant during the first year 1905± (Date), was 1000 cattle or ~~horses~~ 5000 sheep or ..... (Other). The watering was conducted during each of the following months all year except the range is closed through part of October and November

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:

1905 - 1918 1000 Cattle

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

1918 - 1941 5000 sheep 150 cattle

1941 - 1943 Range closed for aerial gunnery practice

1943 - 1979 600 to 900 cattle

(11) The amount of water which has been necessary to be diverted for this purpose has been 0.00446 cubic feet per second.

448.83 gal. per min. equals 1 cubic foot per second.

(12) The works are located at NW¼ NE¼ Section 21, T19N, R33E, M.D.M. (unsurveyed)

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks

Remarks.....

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by.....

are full and correct to the best of his knowledge and belief.

If proof is not made by claimant, deponent should state on this line by virtue of what authority he represents the claimant.

Silver Range Ranch
Dra W Spent
Claimant
Hina F. Kent

By Dra W Spent

13333 Stillwater Road
Street and No., or P.O. Box No.

Fallon, Nevada 89406
City, State, Zip Code No.

Subscribed and sworn to before me this 18th day of July, 19 79

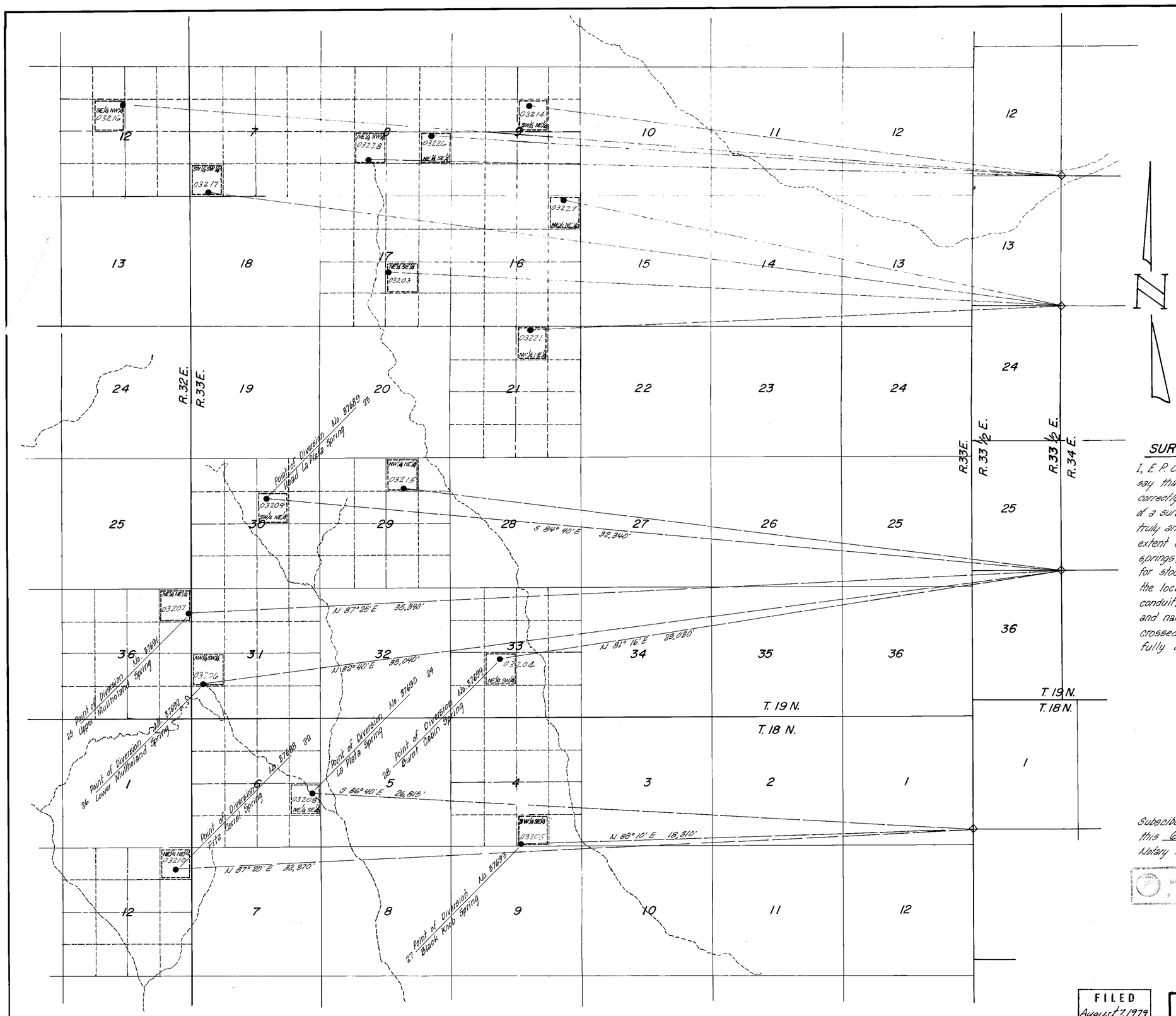
Vee Ann Fiedrich

Notary Public in and for the County of Washoe

My commission expires May 27, 1981

VEE ANN FIEDRICH
Notary Public — State of Nevada
Washoe County
My Commission expires May 27, 1981

$10 FILING FEE MUST ACCOMPANY PROOF



SCALE 1" = 2000'

Basis of Bearings: Calculated from Nevada Protraction Diagram by the Bureau of Land Management.

SURVEYOR'S CERTIFICATE:

I, E. P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey made by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood Jr.

E. P. Osgood, Jr. St. Wtr. Rt. Surveyor No. 294

Subscibed and sworn to before me this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARVIN HAMRICK
Notary Public - State of Nevada
Washoe County
My Commission expires May 5, 1981

Marvin Hamrick
Notary Public

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

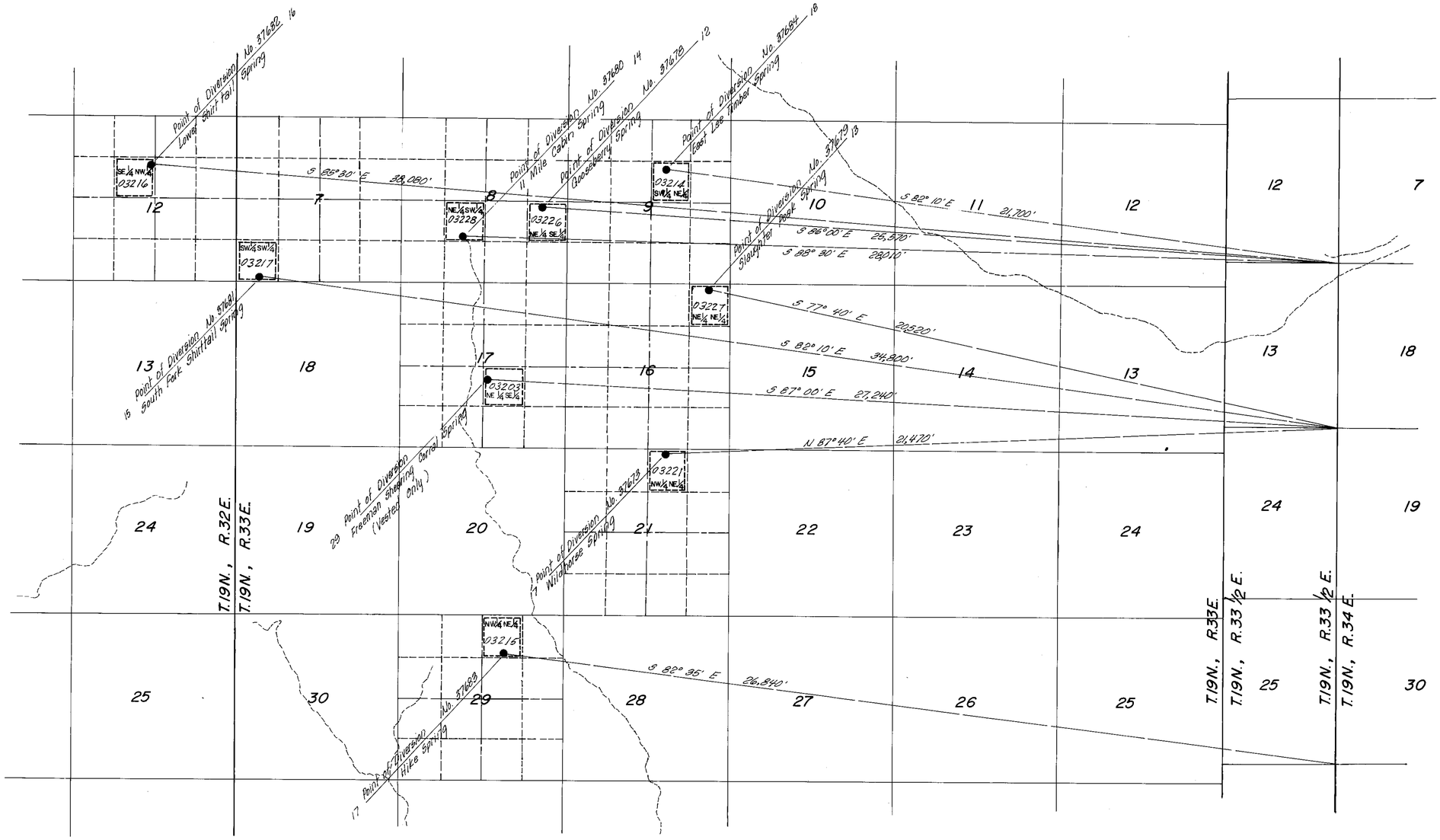
OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 50

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR STOCKWATERING
BY
IRA H. & NINA K. KENT

CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217

03216, 03215, 03214, 03210, 03209, 03208, 03207, 03206, 03205, 03204, 03203 Filed Under



SURVEYOR'S CERTIFICATE:

I, E.P. Osgood, Jr., being first duly sworn, depose and say that this map, consisting of one sheet, has been correctly drawn to the designated scale from field notes of a survey performed by me on July 25, 1979; that it truly and correctly represents the location and extent of the works used to divert water from named springs, in Churchill County, by Ira H. and Nina K. Kent and Silver Range Ranch for stockwatering purposes; that the point of diversion, the location and size of the diverting channel or other conduit, the place and manner of use, and the location and names of all other works or streams which are crossed by or connected with the said works, are fully and correctly designated thereon.

E. P. Osgood, Jr.
E. P. Osgood, Jr.
State Water Right Surveyor No. 294

Subscribed and sworn to before me
this 6th day of August 1979.
Notary Public in and for Washoe County, Nevada.

MARTIN HAMWICK
Notary Public - State of Nevada
Washoe County
My Commission expires: May 6, 1981

Wpaum Hamwick
Notary Public

OFFICE
STATE ENGINEER
1979 AUG 7 PM 1 51

FILED
August 7, 1979
STATE ENGINEER'S OFFICE

0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

MAP TO ACCOMPANY
PROOF OF APPROPRIATION FOR
STOCKWATERING
BY
IRA H. & NINA K. KENT
AND SILVER RANGE RANCH
CHURCHILL CO. — NEVADA
JULY 1979
E.P. OSGOOD, JR. — STATE WATER RIGHT SUR. 294

03228, 03227, 03226, 03221, 03217, 03216, 03215, 03214, 03203 — Filed Under

State of Nevada
Division of Water Resources



Site Search

Permit Information

New Search

App/Permit: V03221
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
KENT, IRA H.	B	0	0	0				
SILVER RANGE RANCH	B	0	0	0				
KENT, NINA K.	B	0	0	0				

Confirmed By:
Effective Date:

Original Owners

Owner
KENT, IRA H.
SILVER RANGE RANCH
KENT, NINA K.

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V08909

BASIN: Gabbs Valley (122) **COUNTY:** Mineral

LATITUDE: 38.918983 **LONGITUDE:** -118.196515

OWNERSHIP:	Greenfield, Ron
PRIORITY DATE:	3/1/1905
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NE¼SW¼ Section 7, T.12N., R.34E., M.D.M.
MANNER OF USE:	IRR
USE UNITS:	40 acres
PLACE OF USE:	NE¼SW¼ Section 7, T.12N., R.34E., M.D.M.
DIVERSION RATE:	0.268 cfs
ALLOWED DUTY:	195.57 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Rawhide Hot Springs No map on file with DWR

POD PARCEL:	Nye County APN 001-031-02
POD PARCEL OWNER	Bureau of Land Management
POU PARCEL:	Mineral County APN 005-340-01
POU PARCEL OWNER:	HRH Nev Resources LTD
POD PARCEL:	Nye County APN 001-031-02
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

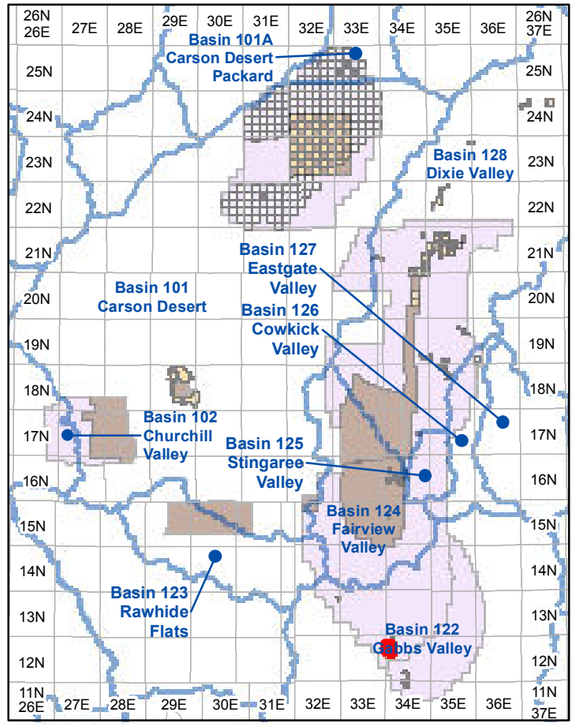
Vested Right V08909

The current owner of Vested Right V08909 is Ron Greenfield. The vested right was filed in the office of the State Engineer on November 13, 1996. It has a priority date of March 01, 1905 and a total duty of 195.57 acre-feet annually with an allowed diversion rate of 0.268 CFS. The permitted manner of use is for irrigation purposes. The allowed period of use is from January 1 through December 31.

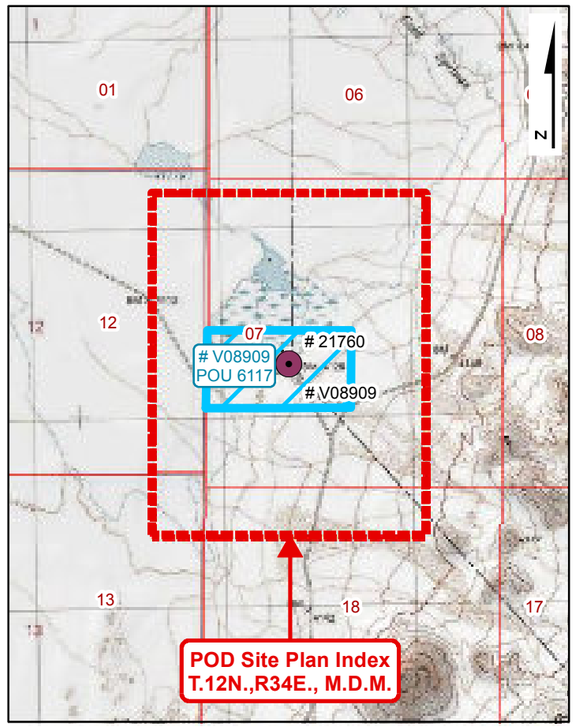
The point of diversion is located within the NE¼SW¼ Section 7, Township 12N, Range 34E, MDM. The permitted place of use is in the Gabbs Valley Basin within Mineral County APN 005-340-01 under the ownership of Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
N2	SW	7	12N	34E	40 acres

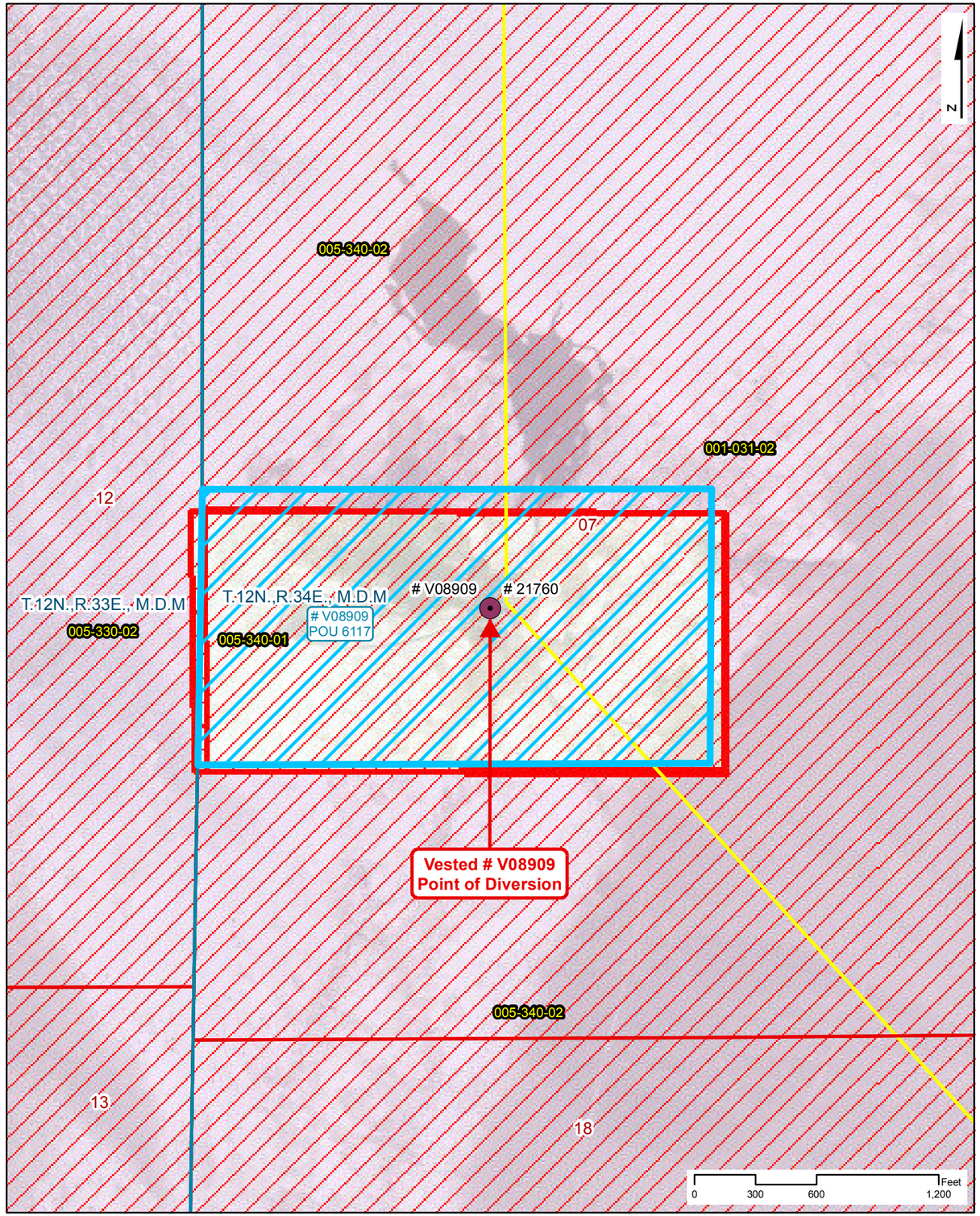
Vested Right V08909 is currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V08909

BASIN: Gabbs Valley (122) — **COUNTY: Mineral**
LATITUDE: 38.918983 — **LONGITUDE: -118.196515**
POINT OF DIVERSION: NE1/4,SW1/4, Section 7, T.12N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): 6117
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Greenfield, Ron

PRIORITY DATE: 3/1/1905
FILING DATE: 11/13/1996
STATUS: Vested

USE UNITS

40 Acres

SOURCE DESCRIPTION: Spring
MANNER OF USE: Irrigation
DIVERSION RATE: 0.268 CFS
ALLOWED DUTY: 195.570 AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 005-340-01, MINERAL COUNTY
HRH NEV RESOURCES LTD

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

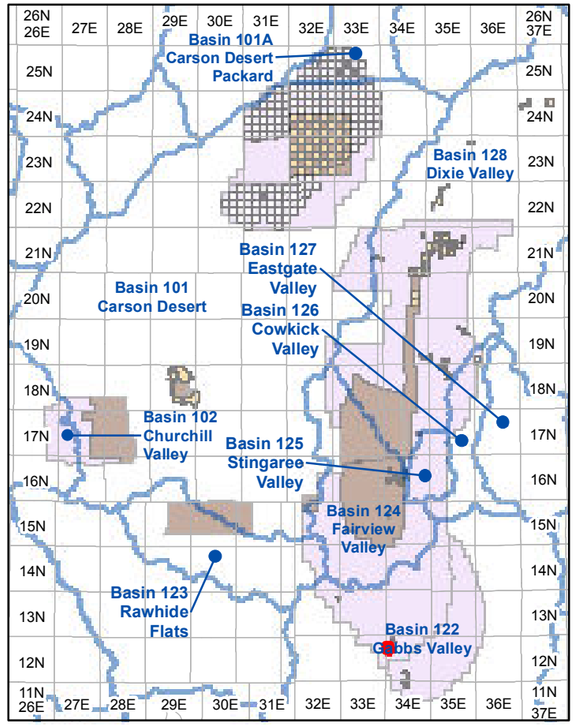
VESTED: V08909

Product of R.O. Anderson Engineering, Inc. -=- Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd -=- GIS Specilist: Eric Herron -=- Publication Date: 10/5/2019 10:46:32 AM

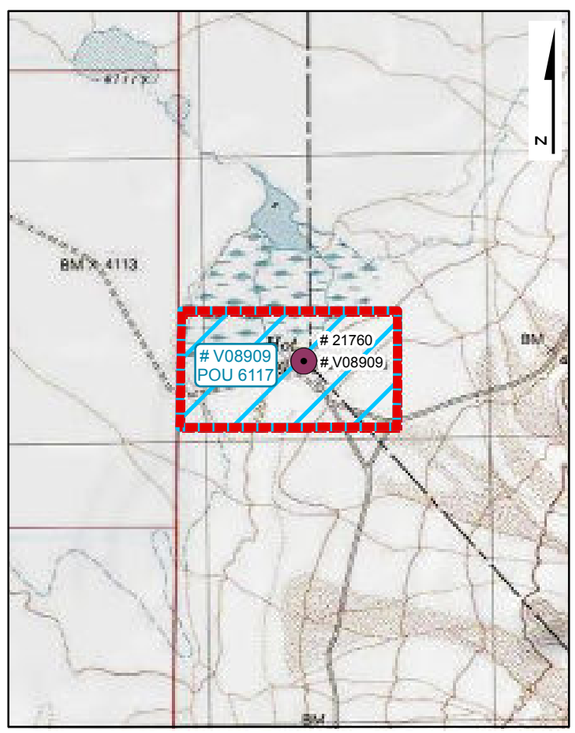
NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH INVENTORY SERVICES

DIVISION OF WATER RESOURCES PLACE OF USE GIS DATA

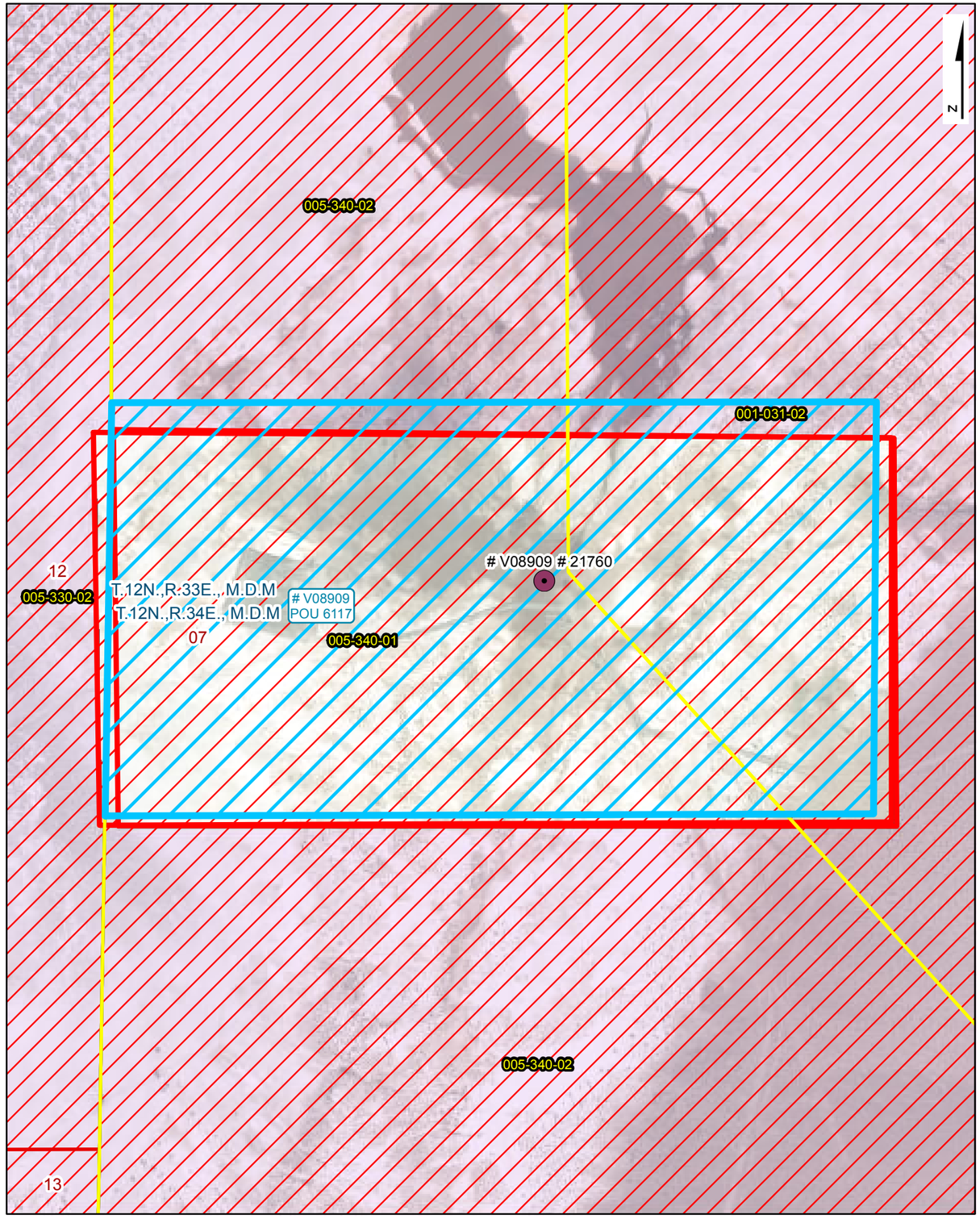
WATER RIGHT: V08909 **DWR POLYGON ID: 6117**



Township and Range Index



USGS Quadmap Site Plan Index



Place of Use Site Plan

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
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- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
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- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O|Anderson

WATER RIGHT: V08909
DWR POLYGON ID: 6117

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_POU_Maps.mxd -= GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:45:55 AM

Filing Serial No. 08909

STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR IRRIGATION

ALSO INCLUDES STOCKWATER, DOMESTIC AND COMMERCIAL USES

Source RAWHIDE HOT SPRINGS aka GABBS VALLEY HOT SPRINGS
Name of natural water source (use separate proofs for each major source)

The water is diverted from its source SPRING, POND AND DITCHES
Name of ditch, flume or pipe line

at the following point(s) NE¼ of SW¼, SECTION 7, T12N, R34E, M.D.M.
List all points of diversion from this source, appending a sheet if necessary

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be stated

(1) Name of claimant RON GREENFIELD

Address 3917 LIBERTY ROAD, SOUTH GATE, County of

State of CALIFORNIA 90280 Telephone No. (213) 567-0814

(2) The means of diversion employed DAMS AND DITCHES
Dam and ditch, pipe line, flume, etc.

(3) The date of the survey of ditch, canal, or pipe line was UNSURVEYED

(4) The construction of the ditch or other works was begun 1864

and completed PRIOR TO 1905

(5) The dimensions of the ditch or canal as originally constructed were: Width on bottom unknown feet, width on top -- feet, depth -- feet, on a grade of -- feet per thousand feet.

(6) The conduit has (has not) been enlarged. UNKNOWN
NOTE—If enlargement or extension of ditch was made, supply information under (7) and (8)

(7) The work of enlargement of the ditch or canal was begun -- and completed --.

(8) The dimensions of the ditch or canal as enlarged are: Width on bottom 2 feet, width on top 4 feet, depth 3 feet, on a grade of 1 feet per thousand feet.

(9) The claimant is ~~(is not)~~ an owner in the above-described conduit.

If claimant is an owner in the conduit, state interest held on this line

12-A1

(10) The nature of the title to the land for which the water right is claimed is FEE SIMPLE

(11) Crops of HAY, MEADOW AND PASTURE have been grown upon the land irrigated. (e.g. alfalfa, native hay, grain, orchard, meadow or diversified pasture)

(12) The water has been used for irrigation from JANUARY 1 (Day of month) to DECEMBER 31 (Day of month) of each year.

(13) List the year of priority for acreages irrigated prior to March 1, 1905, from all points of diversion previously described, with corresponding subdivisions, appending extra sheets if necessary.

PRIOR TO 1905 (Year), 40 acres in the $N\frac{1}{2}$ of the $SW\frac{1}{4}$ of Sec. 7, T. 12N, R. 34E. E.

....., ... acres in the ..... of Sec. ....., T. ....., R. ..... E.

(14) The maximum acreage irrigated in any year was FORTY acres.

(15) The water claimed has (~~has not~~) been used for irrigation each and every year since the right was initiated.

(16) The years during which no water was used for irrigation or during which the full water right was not used were NONE

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given, appending a sheet if necessary

(17) The claimant's water right [redacted] (was not) recorded in the office of the County Recorder of MINERAL County, said record being at page N/A of Book N/A of , and being a claim for of water for the irrigation of acres of land in the following legal subdivisions:

--

NOTE—Failure to record in the county in no way invalidates a water right, but if ditch or right was so recorded, supply full information under (17)

(18) Water from the source given and through the works described is also used for the following purposes other than irrigation:

DOMESTIC, STOCKWATER AND COMMERCIAL (HOT SPRINGS - SPA)

(19) The character of the soil is LOAM (Sandy, gravelly, loam). A continuous flow of .2679 cubic feet of water per second has been used to irrigate 40 acres of land and 195.567 acre-feet per acre per annum have been used to irrigate the crops, and all other uses combined.

(20) Remarks THIS WATER HAS BEEN USED FOR THE FOLLOWING PURPOSES SINCE 1864:

(1) IRRIGATION

(2) STOCKWATER

(3) DOMESTIC

(4) COMMERCIAL USE AS A SPA OR MINERAL BATH HOT SPRINGS

THE TEMPERATURE AT THE SOURCE IS APPROXIMATELY +/- 130° FAHRENHEIT, AND UPON COOLING IS USED FOR THE OTHER STATED PURPOSES.

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by RON GREENFIELD are full and correct to the best of his knowledge and belief.

THE UNDERSIGNED IS AN AGENT FOR RON GREENFIELD, THE OWNER (SEE ATTACHED LETTER).

If proof is not made by claimant, deponent should state on this line by virtue of what authority he represents the claimant

J. M. KIELHACK
Notary Public - State of Nevada
Appointment Recorded in Lander County
No: 92-2704-10 - Expires May 14, 2000

HAAS & ASSOCIATES

BY: , CARL V. HAAS

HC 60 BOX 54802, ROUND MOUNTAIN, NV 89045

Telephone No. (702) 377-2388

Subscribed and sworn to before me this 26th day of October, 1996.

Notary Public in and for the County of Lander

My commission expires May 14, 2000

RECEIVED
96 NOV 13 AM 11:24
STATE ENGINEERS OFFICE

$100 FILING FEE MUST ACCOMPANY PROOF

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: V08909
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

General

Owner(s): GREENFIELD, RON
Basin: GABBS VALLEY - 122
Sub Basin:
Basin Status: DESIGNATED (ID)
Region: CENTRAL
County: MINERAL
Resource Specialist: Mark Beutner

Previous Applications(Base Rights)

Change of App No	POD	POU	MOU
No records to display.			

Source: SPRING
Source Description: RAWHIDE HOT SPRINGS +
Project Name:
Decree Name:
Use: IRRIGATION
Period Start: 0101
Period End: 1231

Point of Diversion Information

Qtr-Qtr:	Qtr:	Section:	Township:	Range:
NE	SW	07	12N	34E

Duty-Balance 195.57 AFA
Div Balance 0.268
Acre-Feet Storage 0
Well Logs:
Remarks:

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State of Nevada Division of Water Resources
Last updated 1/16/2019
Acceptable Use Policy

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V10070

BASIN: Fairview Valley (124) **COUNTY:** Churchill

LATITUDE: 39.127871 **LONGITUDE:** -118.159483

OWNERSHIP:	Casey, Michael A. & Claudia C.
PRIORITY DATE:	07/29/2011
SOURCE DESCRIPTION:	UG
POINT OF DIVERSION:	SE¼NW¼ Section 33, T.15N., R.34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	1000 cattle
PLACE OF USE:	SE¼NW¼ Section 33, T.15N., R.34E., M.D.M.
DIVERSION RATE:	0.031 cfs
ALLOWED DUTY:	22.40 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Bell Flat Well Encumbered No map on file with DWR

POD PARCEL:	Churchill County APN 002-311-02
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN 002-311-02
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

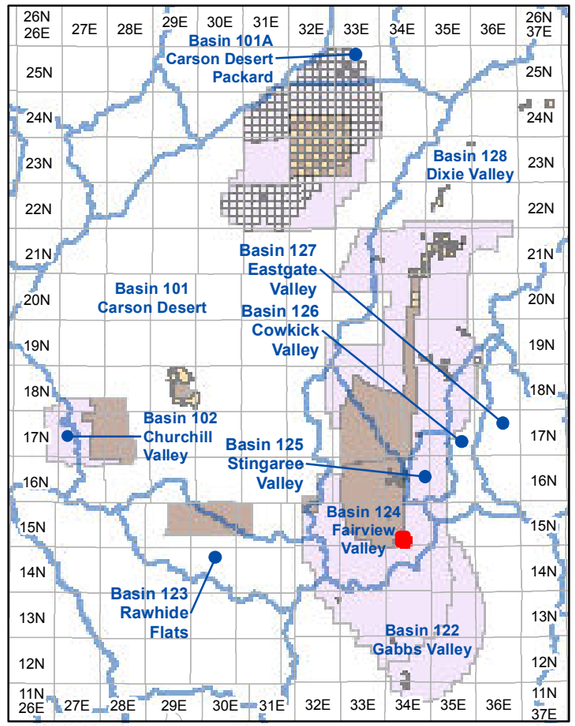
Vested Right V10070

The current owner of Vested Right V10070 is Michael A. and Claudia C. Casey. The vested right was filed in the office of the State Engineer on July 29, 2011. It has a priority date of July 29, 2011 and an allowed diversion rate of 0.031 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

The point of diversion is located within the SE¼NW¼ Section 33, Township 15N, Range 34E, MDM. The permitted place of use is in the Fairview Valley Basin within Churchill County APN 002-311-02 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

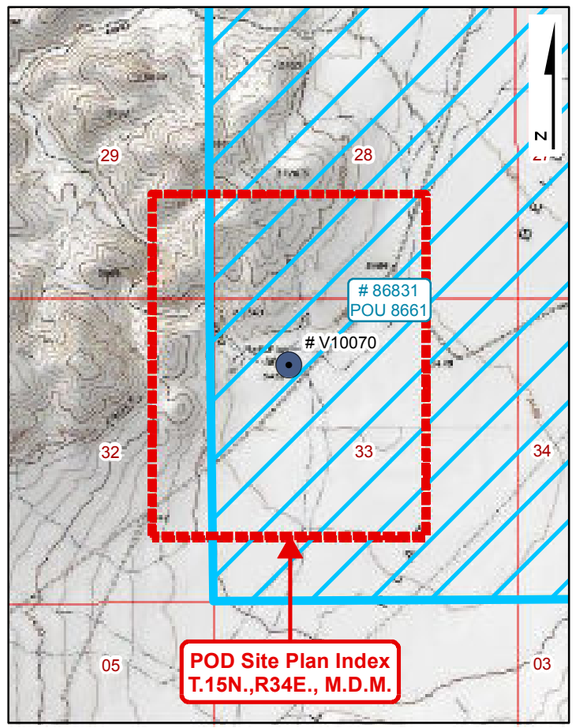
QQ	Q	Section	Township	Range	Units
SE	NW	33	15N	34E	1000 cattle

Vested Right V10070 is currently in good standing with the NDWR with no further action required.



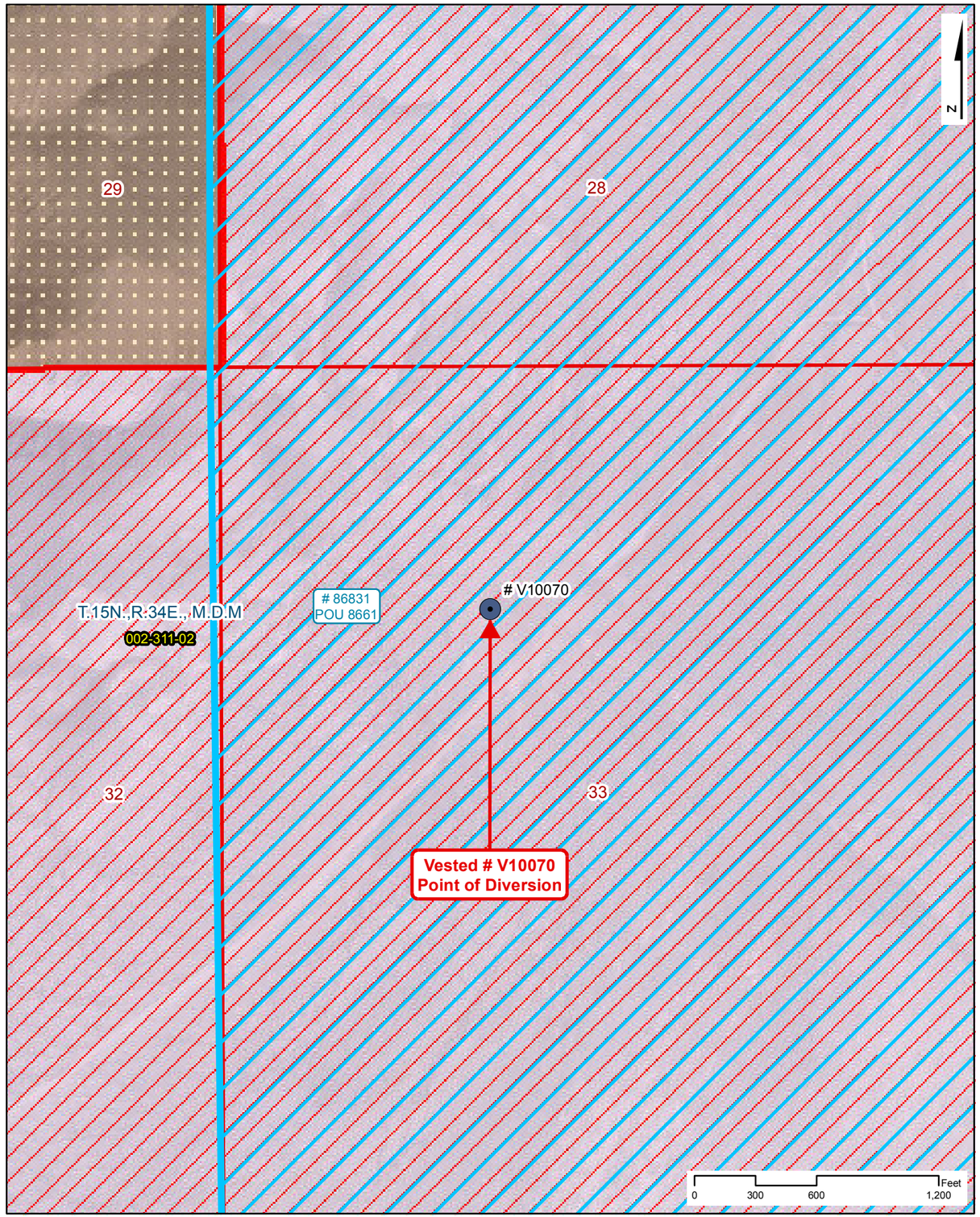
Township and Range Index

Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index

Scale: 1" = 1/2 Mile



Point of Diversion Site Plan

Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V10070

BASIN: Fairview Valley (124) — **COUNTY: Churchill**

LATITUDE: 39.127871 — **LONGITUDE: -118.159483**

POINT OF DIVERSION: SE1/4,NW1/4, Section 33, T.15N.,R34E., M.D.M.

PLACE OF USE (DWR Polygon ID): N/A

PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Casey, Michael A. & Claudia C.

PRIORITY DATE: 1/1/1878

FILING DATE: 7/29/2011

STATUS: Vested

USE UNITS

1000 Cattle

SOURCE DESCRIPTION: Underground

MANNER OF USE: Stock-Watering

DIVERSION RATE: 0.031 CFS

ALLOWED DUTY: AFA

PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 002-311-02, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V10070

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd =- GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:46:38 AM

Application No. 010070

STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING OR WILDLIFE PURPOSES

(1) Name of claimant Michael A. & Claudia C. Casey

53603 Austin HWY (Street Address or PO Box) of Fallon (City or Town)

Nevada 89406 (State and ZIP Code)

(2) Source of water Bell Flat Well (Name of natural water source)

(3) The water is diverted by: well (Dam, ditch, pipe line, natural channel, spring area, etc.)

(4) The water is diverted at the following point(s): T15N, R34E, MDBM, Approx Section 33, (township is unsurveyed) or at a point from which the SE corner of Section 34, T16N R34E, MDBM, bears N 17° 43' 52.5" E, a distance of 26,907.05 feet.

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such.

(5) The water is impounded in Trough 1,900 gallons (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun 1878 (Date) and completed unknown (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is: Patent Lands, Range Allotments, 1878 tax assessment records in Churchill County.

(Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right was recorded in the office of the County Recorder of Churchill County, at Page 38 of Book 15 of ____

NOTE - Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

(9) The approximate number of animals watered by the claimant during the first year 1878 (Date) was — cattle — horses 6,000 sheep or wildlife (describe) Prong 02184, Approx 4 miles east.

The watering was conducted during each of the following months:
1/1 to 12/31

124-44

010070

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:
1000 head of cattle

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

(11) The amount of water which has been necessary to be diverted for this purpose has been

0.031 cubic feet per second.

448.83 gallons per minute equals 1 cubic foot per second

(12) The works are located at: Township unsurveyed. Protraction indicates location is Sec. 33, T15N R 34E, MDBM

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks

Warren W. Williams was located in Edwards Creek Valley prior to 1878. His house/ranch was located on the E 1/2 of E, Section 5, T19N R37E, MDBM, and named on the General Land Office Survey Map, approved 11/28/1879. Assessor's records of 1883 state W.W. Williams had 4,000 head of sheep.

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by _____ are full and correct to the best of his/her knowledge and belief.

If proof is not made by claimant, deponent should state on this line by virtue of what authority he/she represents the claimant.

_____
Name of Claimant

By Michael A Clay

Telephone No. _____

PO Box 5184
Fallon Nev 89406

Telephone No. 775-423-5010

RECEIVED
2011 JUL 29 PM 12:50
STATE ENGINEER'S OFFICE

Subscribed and sworn to before me this 29 day of July, 20 11

Gloria K. Lash
Notary Public in and for the County of Carson City

GLORIA K. LASH
NOTARY PUBLIC
STATE OF NEVADA
No.88-0298-5 My Appt. Exp. Dec. 15, 2014

My commission expires 12-15-14

Revised 07/09 - POA

$50 FILING FEE MUST ACCOMPANY PROOF



Site Search

Permit Information

New Search

App/Permit: V10070
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CASEY, MICHAEL A AND CLAUDIA C	B	0	0	0				ENCUMBERED

Confirmed By:
Effective Date:

Original Owners

Owner
CASEY, MICHAEL A AND CLAUDIA C

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V10285

BASIN: Fairview Valley (124) **COUNTY:** Churchill

LATITUDE: 39.130556 **LONGITUDE:** -118.096389

OWNERSHIP:	Casey, Michael A. & Claudia C.
PRIORITY DATE:	01/01/1890
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	SW¼SE¼ Section 25, T.15N., R.34E., M.D.M.
MANNER OF USE:	STK
USE UNITS:	927 cattle
PLACE OF USE:	SW¼SE¼ Section 25, T.15N., R.34E., M.D.M.
DIVERSION RATE:	0.0267 cfs
ALLOWED DUTY:	20.77 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	n/a
REMARKS:	Indian

Spring

Encumbered
No map on file with DWR

POD PARCEL:	Churchill County APN No. 002-311-02
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN No. 002-311-02
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

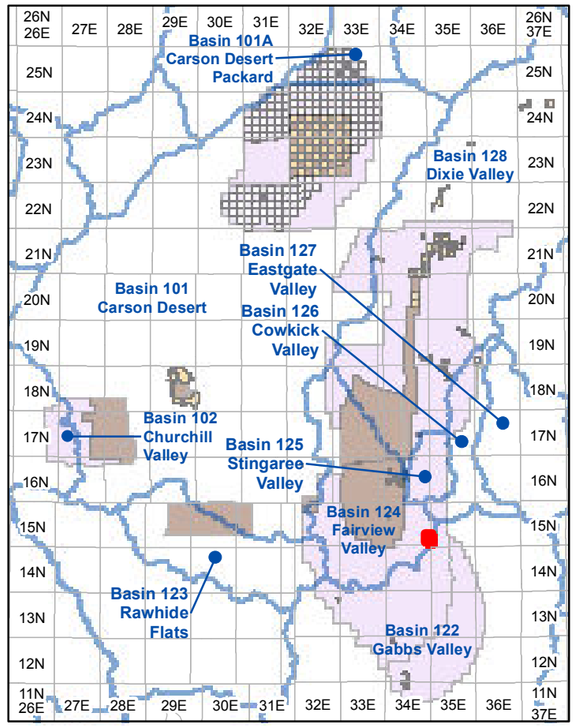
Vested Right V10285

The current owner of Vested Right V10285 is Michael A. and Claudia C. Casey. The vested right was filed in the office of the State Engineer on May 21, 2012. It has a priority date of January 1, 1890 and an allowed diversion rate of 0.0267 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

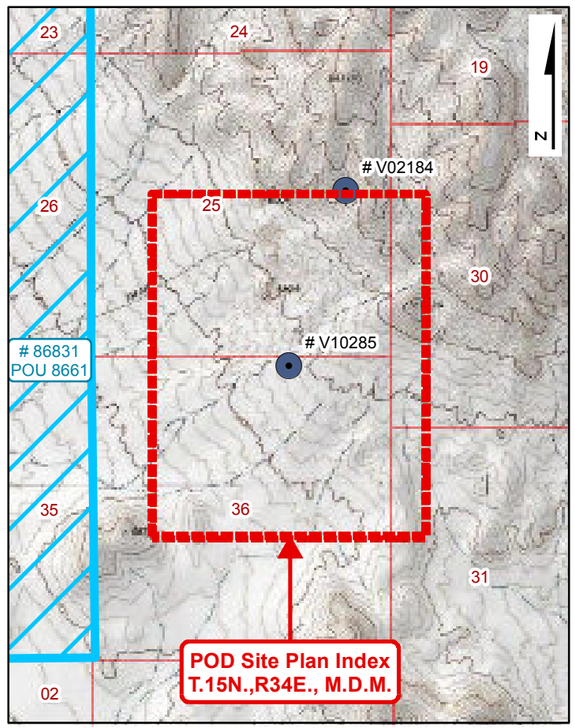
The point of diversion is located within the SW¼SE¼ Section 25, Township 15N, Range 34E, MDM. The permitted place of use is in the Fairview Valley Basin within Churchill County APN 002-311-02 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units
SW	SE	25	15N	34E	927 cattle

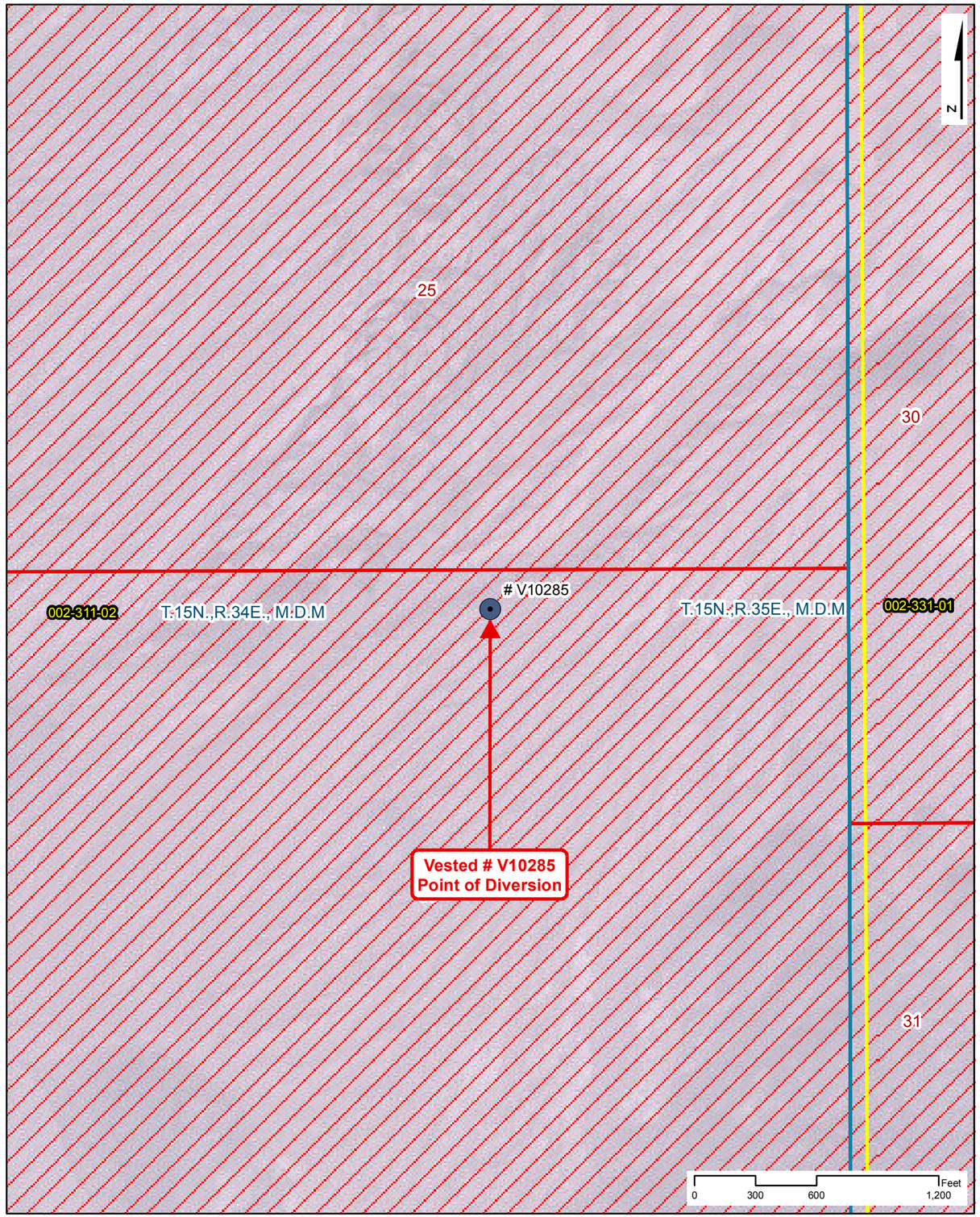
Vested Right V10285 currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V10285

BASIN: Fairview Valley (124) — **COUNTY: Churchill**
LATITUDE: 39.130556 — **LONGITUDE: -118.096389**
POINT OF DIVERSION: SW1/4,SE1/4, Section 25, T.15N.,R34E., M.D.M.
PLACE OF USE (DWR Polygon ID): N/A
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Casey, Michael A. & Claudia C.

PRIORITY DATE: 1/1/1890
FILING DATE: 5/21/2012
STATUS: Vested

USE UNITS

927 Cattle

SOURCE DESCRIPTION: Spring
MANNER OF USE: Stock-Watering
DIVERSION RATE: 0.0267 CFS
ALLOWED DUTY: AFA
PERIOD OF USE: 01/01-12/31

GIS PARCEL DATA

A.P.N. 002-311-02, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
- Township Range
- Sections
- GIS Parcel Data
- Proposed Lands
- Existing Lands

Township Range Index

- Township Range Grid
- Hydrographic Basins

Existing Navy Lands

- Withdrawan
- Non Federal
- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
- Non Federal

Point of Diversion Manner of Use

- As Decreed
- Commercial
- Domestic
- Environmental
- Industrial
- Irrigation
- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R|O Anderson

VESTED: V10285

Product of R.O. Anderson Engineering, Inc. -= Project: \2730-001\GIS\Final_10_03_2019\ROA_GIS_Inventory_10_03_2019_Vested_Maps.mxd =- GIS Specilist: Eric Herron -= Publication Date: 10/5/2019 10:46:42 AM

Application No. 010285

STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING OR WILDLIFE PURPOSES

(1) Name of claimant Michael A. & Claudia C. Casey

53603 Austin HWY (Street Address or PO Box) of Fallon (City or Town)

Nevada 89406 (State and ZIP Code)

(2) Source of water Indian Spring (Name of natural water source)

(3) The water is diverted by: Reservoir (Dam, ditch, pipe line, natural channel, spring area, etc.)

(4) The water is diverted at the following point(s): SWSE, Sec. 25, T15N R34E, MDBM; or at a point from which the SW Cor of Sec. 35, T16N R34E, MDBM, bears N 21° 50' 3.9" W, a distance of 24,827.7 feet.

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such.

(5) The water is impounded in Reservoir (See Proof 2184) (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun 1890 (Date) and completed 1890 (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is: Patent Lands, Range Allotments, 1878 tax assessment records in Churchill County. (Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right was recorded in the office of the County Recorder of Churchill County, at Page 38 of Book 15 of _____

NOTE - Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

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2012 MAY 21 PM 2:40
STATE ENGINEER'S OFFICE

(9) The approximate number of animals watered by the claimant during the first year 1878 (Date) was _____ cattle _____ horses 2000 sheep or wildlife (describe) _____

The watering was conducted during each of the following months: 1-1 to 12-31

Revised 07/09 - POA

124-CH

010285

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:

927 head of cattle

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

(11) The amount of water which has been necessary to be diverted for this purpose has been

0.0267 cubic feet per second.

448.83 gallons per minute equals 1 cubic foot per second

(12) The works are located at: SW SE, Sec. 25, T15N R34E, MDBM

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks

Warren W. Williams was located in Edwards Creek Valley prior to 1878. His house/ranch was located on the E 1/2 of SE, Section 5, T19N R37E, MDBM, and named on the General Land Office Survey Map, approved 11/28/1879. Assessor's records of 1883 state W.W. Williams had 4,000 head of sheep.

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by Michael A. Casey are full and correct to the best of his/her knowledge and belief.

If proof is not made by claimant, deponent should state on this line by virtue of what authority he/she represents the claimant.

Michael A Casey
Name of Claimant

By Michael A Casey

Telephone No. 775 423 5019

DEBBIE MICHAEL
Notary Public, State of Nevada
Appointment No. 00-62168-4
My Appt. Expires May 21, 2012

Debbie Michael
Notary

Telephone No. 775-423-3136

Subscribed and sworn to before me this 16th day of May, 2012

Notary Public in and for the County of Churchill

My commission expires May 21, 2012

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2012 MAY 21 PM 2:40
STATE ENGINEERS OFFICE

Revised 07/09 - POA

$50 FILING FEE MUST ACCOMPANY PROOF

State of Nevada
Division of Water Resources



Site Search

Permit Information

New Search

App/Permit: V10285
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CASEY, MICHAEL A AND CLAUDIA C	B	0	0	0				ENCUMBERED

Confirmed By:
Effective Date:

Original Owners

Owner
CASEY, MICHAEL A AND CLAUDIA C

Remarks

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

VESTED RIGHT V10286

BASIN: Fairview Valley (124) **COUNTY:** Churchill

LATITUDE: 39.108889 **LONGITUDE:** -118.196389

OWNERSHIP:	Casey, Michael A. and Claudia C.
PRIORITY DATE:	1/1/1890
SOURCE DESCRIPTION:	SPR
POINT OF DIVERSION:	NE¼NW¼ Section 06, T. 14N., R.34E. M.D.M.
MANNER OF USE:	STK
USE UNITS:	927 cattle
PLACE OF USE:	NE¼NW¼ Section 06, T. 14N., R.34E. M.D.M.
DIVERSION RATE:	.027 cfs
ALLOWED DUTY:	20.77 afa
PERIOD OF USE:	01/01-12/31
STATUS:	Vested
DUE DATES:	None
REMARKS:	Slate Spring
	Encumbered
	No map on file with DWR

POD PARCEL:	Churchill County APN No. 002-111-01
POD PARCEL OWNER:	Bureau of Land Management
POU PARCEL:	Churchill County APN No. 002-111-01
POU PARCEL OWNER:	Bureau of Land Management

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631
WATER RIGHTS RESEARCH AND INVENTORYING SERVICES– Information Sheet

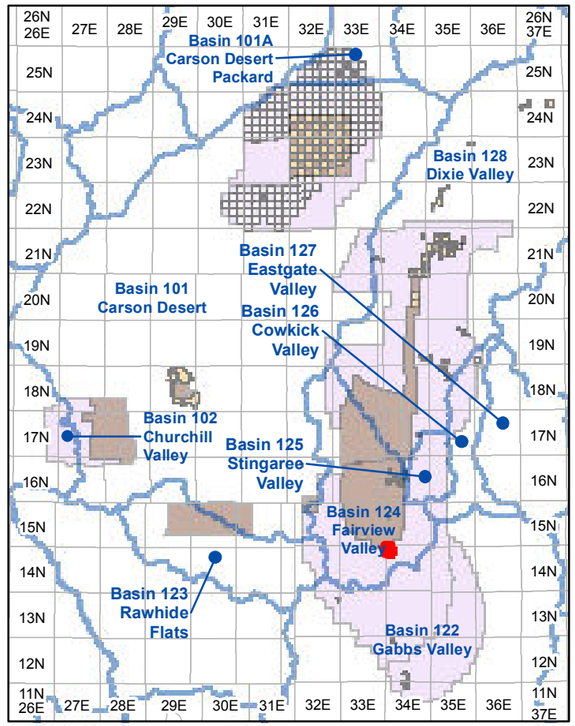
Vested Right V10286

The current owner of Vested Right V10286 is Michael A. and Claudia C. Casey. The vested right was filed in the office of the State Engineer on May 21, 2012. It has a priority date of January 1, 1890 and an allowed diversion rate of 0.0267 CFS. The permitted manner of use is for stock-watering purposes. The allowed period of use is from January 1 through December 31.

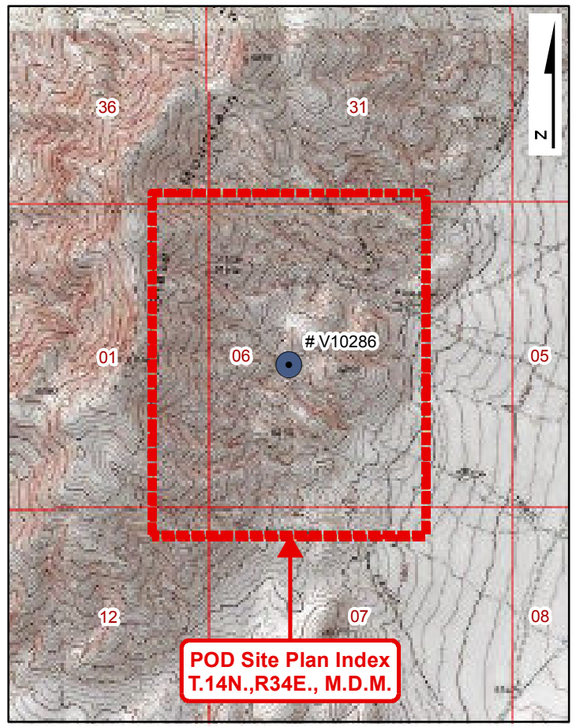
The point of diversion is located within the NE¼NW¼ Section 06, Township 14N, Range 34E, MDM. The permitted place of use is in the Fairview Valley Basin within Churchill County APN 002-111-01 under the ownership of the Bureau of Land Management and is more specifically listed in the table below.

QQ	Q	Section	Township	Range	Units	
NE	NW	06	14N	34E	927 cattle	

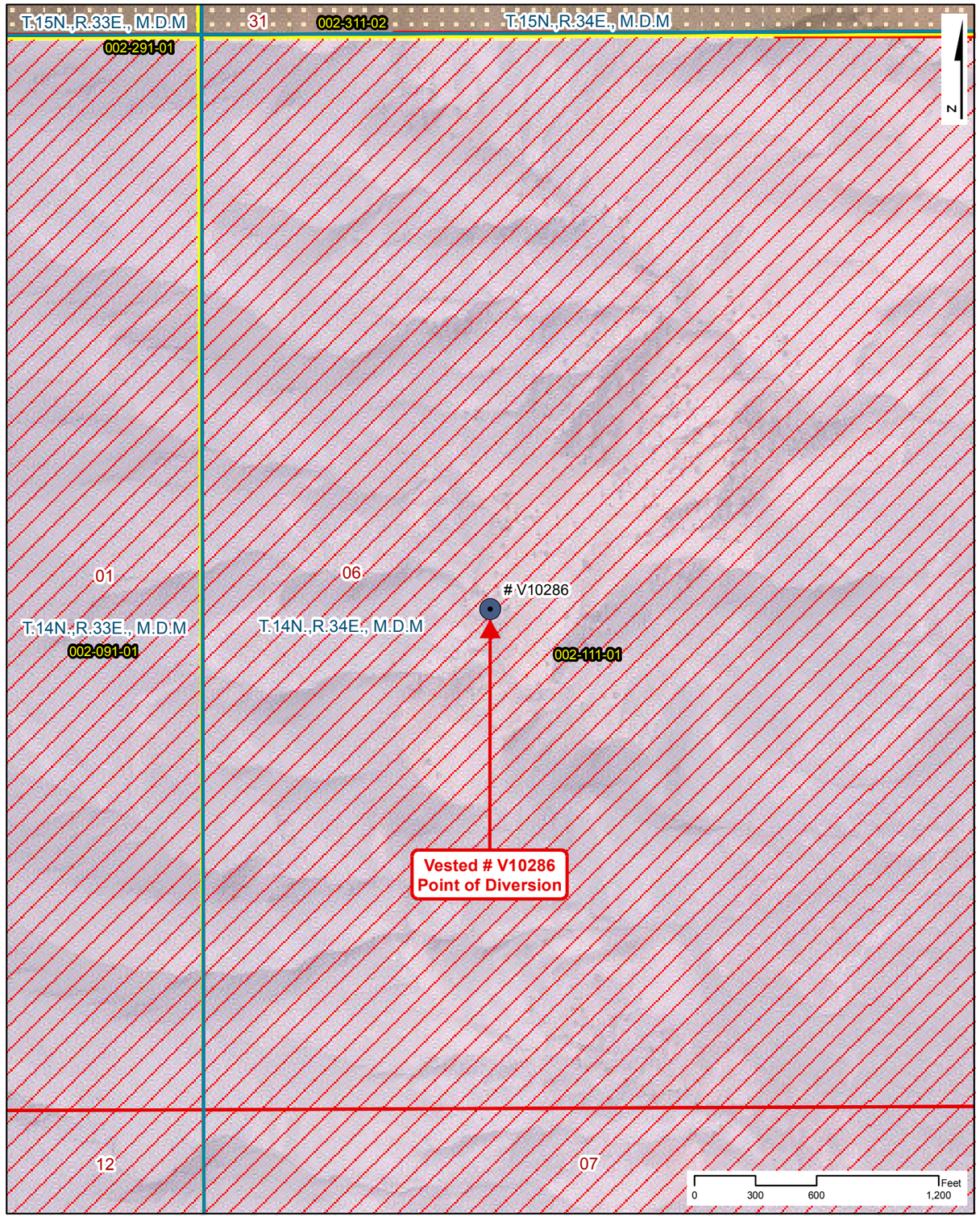
Vested Right V10286 currently in good standing with the NDWR with no further action required.



Township and Range Index
Scale: 1" = 20 Miles



USGS Quadmap Site Plan Index
Scale: 1" = 1/2 Mile



Point of Diversion Site Plan
Scale: 1" = 600'

NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT# N62473-17-D-4631

WATER RIGHTS RESEARCH INVENTORY SERVICES

VESTED: V10286

BASIN: Fairview Valley (124) **COUNTY: Churchill**
LATITUDE: 39.108889 **LONGITUDE: -118.196389**
POINT OF DIVERSION: **NE1/4,NW1/4, Section 6, T.14N.,R34E., M.D.M.**
PLACE OF USE (DWR Polygon ID): **N/A**
PERMIT LAND CATEGORY: Proposed Lands Privately Held

OWNERSHIP

Casey, Michael A. & Claudia C.

PRIORITY DATE: **1/1/1890**
FILING DATE: **5/21/2012**
STATUS: **Vested**

USE UNITS

927 Cattle

SOURCE DESCRIPTION: **Spring**
MANNER OF USE: **Stock-Watering**
DIVERSION RATE: **0.027 CFS**
ALLOWED DUTY: **4.850 AFA**
PERIOD OF USE: **01/01-12/31**

GIS PARCEL DATA

A.P.N. 002-111-01, CHURCHILL COUNTY
BUREAU OF LAND MANAGEMENT

LEGEND

- Point of Diversion (POD)
- Division of Water Resources GIS Place of Use (POU)
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- Hydrographic Basins

Existing Navy Lands

- Withdrawan
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- Navy Owned

Proposed Navy Lands

- Proposed Withdrawal Expansion
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- As Decreed
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- Mining & Milling
- Municipal
- Other
- Quasi-Industrial
- Quasi-Municipal
- Recreational
- Stock-Watering
- Storage
- Wildlife

R O Anderson

VESTED: V10286

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Application No. 010286

STATE OF NEVADA

PROOF OF APPROPRIATION OF WATER FOR STOCK WATERING OR WILDLIFE PURPOSES

(1) Name of claimant Michael A. & Claudia C. Casey

53603 Austin HWY (Street Address or PO Box) of Fallon (City or Town)

Nevada 89406 (State and ZIP Code)

(2) Source of water Slate Spring (Name of natural water source)

(3) The water is diverted by: Natural Channel (Dam, ditch, pipe line, natural channel, spring area, etc.)

(4) The water is diverted at the following point(s): NE NW, Sec. 6, T14N R34E, MDBM; or at a point from which the SW corner of Sec. 35, T16N R34E, MDBM, bears North 30° 46' 33.9" E, a distance of 35,635.9 feet.

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land it should be stated. Diversion over a channel reach must be described by course and distance to a section corner for both the beginning and end of such.

(5) The water is impounded in Natural Channel (Troughs, tanks, pools, reservoir, natural channel, etc.)

(6) The construction of the ditch or other works was begun 1890 (Date) and completed 1890 (Date)

(7) The nature of the claimant's title to the land upon which the source of water and place of use are located is: Patent Lands, Range Allotments, 1878 tax assessment records in Churchill County.

(Patented, deeded, public domain with grazing permit, etc.)

(8) The claimant's water right was recorded in the office of the County Recorder of Churchill County, at Page 38 of Book 15 of _____

NOTE - Failure to record in the county in no way invalidates a water right, but if water right was so recorded, supply full information under (8).

(9) The approximate number of animals watered by the claimant during the first year 1878 (Date)

was _____ cattle _____ horses 2000 sheep or wildlife (describe) _____

The watering was conducted during each of the following months: 1-1 to 12-31

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2008 MAY 21 PM 2:41
STATE ENGINEERS OFFICE

Revised 07/09 - POA

124-CH

010286

(10) The approximate number of animals watered by the claimant in subsequent years was as follows:

927 head of cattle

If water was not used, or used in reduced quantity at any time, full information as to causes and duration of non-use should be given.

(11) The amount of water which has been necessary to be diverted for this purpose has been

0.0267 cubic feet per second.

448.83 gallons per minute equals 1 cubic foot per second

(12) The works are located at: NE NW, Sec. 6, T14N R34E, MDBM.

Describe as being within a 40-acre subdivision, section, township and range of public survey. If on unsurveyed land, it should be stated.

Remarks

Warren W. Williams was located in Edwards Creek Valley prior to 1878. His house/ranch was located on the E 1/2 of SE, Section 5, T19N R37E, MDBM, and named on the General Land Office Survey Map, approved 11/28/1879. Assessor's records of 1883 state W.W. Williams had 4,000 head of sheep.

The undersigned, being first duly sworn, deposes and says that the facts relative to the appropriation of water by Michael A. Casey are full and correct to the best of his/her knowledge and belief.

If proof is not made by claimant, deponent should state on this line by virtue of what authority he/she represents the claimant.

Michael A Casey
Name of Claimant

By Michael A Casey

Telephone No. 775-423 5019

DEBBIE MICHAEL
Notary Public, State of Nevada
Appointment No. 00-62168-4
My Appt. Expires May 21, 2012

Debbie Michael
Notary

Telephone No. 775 423 3136

Subscribed and sworn to before me this 16th day of May, 2012

Notary Public in and for the County of Churchill

My commission expires 5/21/12

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2012 MAY 21 PM 2:41
STATE ENGINEERS OFFICE

Revised 07/09 - POA

$50 FILING FEE MUST ACCOMPANY PROOF

State of Nevada
Division of Water Resources

Site Search

Permit Information

New Search

App/Permit: V10286
Status: VESTED RIGHT
Certificate: None

General | Maps & Due Dates | Place of Use | Abrogations/Protests/Rulings | Ownership and Title

Current Ownership Information

(NOTE: Owner names shown here are standardized for retreival purposes only. Verify legal names before submitting any new documentation.)

Owner	Type	Div Rate	Duty	Acres	Change By	APN	County	Description
CASEY, MICHAEL A AND CLAUDIA C	B	0	0	0				ENCUMBERED

Confirmed By:
Effective Date:

Original Owners

Owner
CASEY, MICHAEL A AND CLAUDIA C

Remarks